FINAL REPORT FOR SAAD - TROUSDALE DRIVE SITE

NASHVILLE, DAVIDSON COUNTY, TENNESSEE

Submitted to:

THE SAAD SITE STEERING COMMITTEE



Signal Environmental Services, Inc.

MARCH 1995



301 Gallaher View Road Suite 227 Knoxville, TN 37919

March 7, 1995

VIA FACSIMILE AND FEDERAL EXPRESS

Mr. Fred B. Stroud, On-Scene Coordinator U.S. Environmental Protection Agency, Region IV 345 Courtland Street, N.E. Atlanta, Georgia 30365

Reference:

Saad Trousdale Drive Site Phase III Removal Action

Submission of Final Report

Dear Mr. Stroud:

The Saad Site Steering Committee is pleased to submit the Final Report for the above-referenced project. You will be receiving two (2) copies of the report via overnight courier on March 8, 1995 under separate cover directly from Signal Environmental Services, Inc.

If you should have any questions or comments, please contact Mr. Bennie L. Underwood or me at your earliest convenience at (615) 691-5052.

Very truly yours, de maximis, inc.

Daniel A. Lovingood, P.G.

DAL/jca

/Enclosures Under Separate Cover

cc: Saad Trousdale Site Repository

Bennie L. Underwood

f:\projects\3034\P_3RPT.CVR

FINAL REPORT

for

SAAD TROUSDALE DRIVE SITE

3655 Trousdale Drive

Nashville, Davidson County, Tennessee

Prepared for:

The Saad Site Steering Committee

Prepared by

Signal Environmental Services, Inc.

Chattanooga, Tennessee

TABLE OF CONTENTS

1.0 Introduction
, 1.1 Site History
1.2 General Site Description
2.0 Scope of Work
2.1 Health and Safety Plan
2.2 Sampling Work Plan
2.3 Site Mobilization/Preparation
2.3.1 Security
2.3.2 Work Zone
2.3.3 Decontamination Facilities
2.3.4 Materials Staging
2.4 Excavation of Soil
2.5 Backfill
2.6 Soil Sampling
2.7 Decontamination/Excavation Water
2.8 Debris/Soil Disposal
3.0 Air Sampling
4.0 Site Permits
5.0 Demobilization

FIGURES:

- 1 Site Map
- 2 Cross Section A-A'
- 3 Sample Locations
- 4 Resample Locations

TABLES:

- 1A Soil Sample Summary
- 1B Soil Resample Summary
- 2 Saad Offsite Waste Shipment Summary
- 3 HNU Readings

APPENDICES:

- 1 Original and Modified Work Plan
- 2 Health & Safety Plan
- 3 Sampling Work Plan
- 4 Soil Analyses
- 5 Chain of Custodies and Sample Seals for Soil Samples
- 6 Manifests, Water Laboratory Characterization, and Chain of Custody
- 7 Soil Manifests
- 8 Laboratory Analyses, Sampling Equipment Calibration, and Chain of Custody for Air Sampling
- 9 Various Permits
- 10 Letter from Stroud to Goddard

1.0 Introduction

On September 23, 1994 Signal Environmental Services, Inc. (SIGNAL) was awarded the contract to perform a Phase III Removal Action at the Saad Trousdale Drive Site in Nashville, Tennessee. The Removal Action Work Plan was prepared on behalf of the Saad Site Steering Committee in conjunction with a U. S. EPA Administrative Order by Consent (AOC). The U. S. EPA and the Saad Site Steering Committee agreed to implement the workplan for limited removal activities. This document is the final report on SIGNAL's removal activities performed at the Saad Site as required under the AOC.

1.1 Site History

A detailed summary of previous site activities and data collected can be found in the RA/FI Report submitted to the U. S. EPA, Region IV in March 1992 and the Saad Site RA/FI Phase II report submitted in April 1993.

1.2 General Site Description

The general site description for the purposes of the Phase III Removal Action completed under the AOC is the area to which access was necessary to implement the EPA-approved Phase III Work Plan (August 1994), being the property owned by Ellis and Kathy Saad at 3655 Trousdale Drive, the property owned by Franklin Brick Company at 3567 Trousdale Drive, and the portion of the property owned by CSX that is immediately west of these two properties and to the east of the railroad berm on the east side of the CSX property, in Nashville, Davidson County, Tennessee.

2.0 Scope of Work

A copy of the original and modified work plan is located in Appendix 1.

2.1 Health and Safety Plan

Prior to site work being performed a site specific Health and Safety Plan was prepared and provided to EPA along with personnel training and medical records. A copy of the plan is included in Appendix 2.

2.2 Sampling Work Plan

A sampling plan was prepared prior to site work being performed. This plan was used to select and manage site sampling for the purposes of waste characterization and proper disposal. This plan is included in Appendix 3.

2.3 Site Mobilization/Preparation

2.3.1 Security

Site security was maintained by the use of fencing that had access controlled by a locking gate. A site office was placed inside the gate to afford visual contact with the gate and most of the work area.

2.3.2 Work Zone

Actual work zones inside the fenced area were delineated by the use of flagging, signs, and a construction fence to restrict unauthorized personnel from the work areas.

2.3.3 Decontamination Facilities

Decontamination facilities for personnel were located as shown in Figure 1. A temporary decontamination pad was constructed next to the personnel decontamination area. Pumps, excavation equipment, and PPE were decontaminated prior to off-site removal and demobilization.

2.3.4 Materials Staging

Excavated material was staged on double layers of 6 mil plastic sheeting and covered with 2 layers of plastic. The plastic was anchored using sand bags. A straw/hay berm was placed around the perimeter of each soil stockpile area. The soil staging areas are shown in Figure 1. The staging of soil was done on five original soil pads (Figure 1). The soil on Pad #1 was characterized as non-hazardous and was the soil that was sent to Sanifill. The soil on Pad #2 characteristically hazardous. Pad #2 was split into two sections (Pad #2NH and Pad #2H) because it was felt that one area might have been characteristically non-hazardous.

2.4 Excavation of Soil

The limits of excavation are shown in Figure 1. Excavation was done in two cells. Cell one was located on Franklin Brick property. Cell two was located on the Saad Property. The orientation of the cells are shown in Figure 1. A north to south cross section (Section A-A') of the cells is shown in Figure 2.

Excavated soil was removed and placed in a pile next to the pit. This soil was then carried to the staging area by front end loader. The staging area consisted of five pads. In the staging area the soil was sampled as required by the Sampling Work Plan (Appendix 3).

A total of 826 yd³ was excavated. In addition to soil some concrete was removed. The concrete was tested and stockpiled. The CCC Group, representing Alcoa, took control of the site for one week and excavated 1000 yd³ of soil under a separate Administrative Order by Consent. The CCC Group placed the concrete in the bottom of cell #2.

2.5 Backfill

Upon completion of the excavation, the hole was approximately half-filled with clean fill, surge rock from Vulcan Materials, by the direction of Mr. Fred Stroud, EPA On-Scene Coordinator.

2.6 Soil Sampling

Two-four ounce samples were collected for each 15 yd³ excavated and stockpiled. Fourteen samples were collected per 115 yd³ of stockpiled soil. Seven were composited to make one sample per stockpile for disposal characterization. The remaining soil was archived for possible additional analyses. The sample locations are shown on Figure 3. In Appendix 4 copies of all soil laboratory analyses are provided. Appendix 5 contains the chains of custodies and sample seals for the laboratory samples.

Analysis of the soil on Pad #1 found it to be non-hazardous. Pads #2, #3, #4, and #5 were found to be characteristically hazardous for disposal purposes. Pad #2 was split into two sections (Pad #2NH and Pad #2H) to further evaluate the characteristics of the stockpile. Pads #2NH, #2H, #3, #4 and #5 were resampled with the laboratory analyses sent to Specialized Assays Environmental of Nashville as a recheck (Samples R001-R0035). R001-R007 were consolidated for one analysis. R008-R014 were consolidated into one sample. R015-R021 were consolidated for a single analysis. R022-R028 were consolidated into one sample. The last analysis was from the consolidation of samples R029-R035. Two samples were also sent to Analytical Laboratory in Chattanooga as another recheck (Samples R001-R007 were consolidated for one analysis. R015-R021 were consolidated into the second laboratory sample for analysis). Figure 4 shows the resample locations. Table 1A and 1B is a summary of soil samples and resamples and how they were consolidated for analysis. Analysis of resamples confirmed previous results.

2.7 Decontamination/Excavation Water

Runoff water and decontamination water pumped from the excavation were collected in a 20,000 gallon frac tank located on the site between the office trailer and the excavation pit. The water was sampled, characterized, and shipped to Laidlaw Environmental Services, Inc. (Antioch, Tn.) for disposal. Copies of the manifests (W001-W004), laboratory characterization (Sample SAD11/3001W), and chain of custody are provided in Appendix 6.

2.8 Debris/Soil Disposal

The soil that was excavated was characterized for disposal. Approximately 222 yd³ of characteristically non-hazardous and 685.04 tons of potentially characteristically hazardous soil was disposed. Disposal of the latter was based on time and cost considerations and no further effort was made to segregate potentially non-hazardous portions of the stockpiles. The characteristically hazardous soil was shipped to Chemical Waste Management, Inc. (29 shipments to Fort Wayne, Ind.) and Laidlaw Environmental Services, Inc. (3 shipments to Pinewood, S.C.). The non-hazardous soil was shipped to Sanifill of Tennessee (10 shipments to Lewisburg, Tn.). Table 2 is a summary of the waste shipments with manifest numbers made to offsite disposal facilities. The soil manifests are located in Appendix 7.

3.0 Air Sampling

On November 16, 1994 Greg Veal, Saad Superfund Site Manager, received odor complaints from Mr. Tot McCullough, Division Manager of Franklin Brick Co. Evidently the excavation work on this project had encountered an area of material that emitted a strong odor. When the area with the odor was encountered, SIGNAL employees donned level C respirator protection. Employees working outside in the Franklin Brick yard complained that they were getting headaches from the odors in the air. The area of concern seems to be off the north west corner of the Franklin property and along the Saad property line.

On November 17, 1994, Michael R. Matthews, Corporate Health and Safety Officer investigated the situation. An air pump with carbon cartridge was set up on the fence between the Saad project and Franklin Brick 3 feet above ground and 15 feet from the Franklin Brick building. Shortly after setting up the pump, excavation at the site began again and the volatile (phenolic like) odor was again detected. The sampling pump was operated for four hours and HNU Photoionization Meter readings were taken hourly at the fence line and at the edge of the pit while the odor was being detected. The HNU readings are summarized in Table 3.

After four hours, the cartridge was removed and brought to Analytical Industrial Research Laboratory in Chattanooga for volatiles and phenols analysis. The results of the air sample analysis indicated that only six compounds were detected in the air sample: 1,2-dichloroethene (0.172 ug/l), 1,1,1-trichloroethane (0.004 ug/l), carbon tetrachloride (0.029 ug/l), trichloroethene (0.032 ug/l), 4-methyl-2-pentanone (0.010 ug/l), and toluene (0.016 ug/l). None of these compounds were in a concentration significant enough to warrant further action. The odor problem did not occur again. Copies of the laboratory analyses, sampling equipment calibration, and chain of custody for the air sample are included in Appendix 8.

4.0 Site Permits

In Appendix 9 copies of the various local permits that were obtained for this site work are presented.

5.0 Demobilization

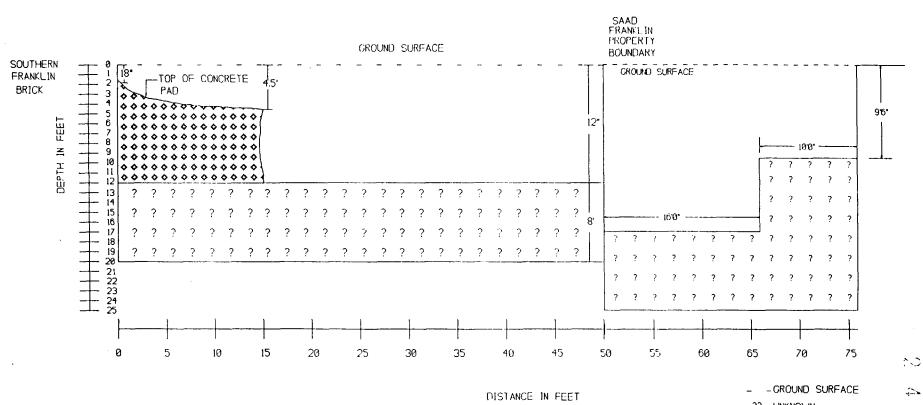
SIGNAL completed all work under the AOC in late December 1994, except for pumping the

- 2 4 1173

remaining water from the excavation, backfilling the excavation and replacing the railroad spur, and was instructed by EPA to delay completion of this remaining work. On January 21, 1995 EPA provided instructions that pumping the remaining water from the excavation, backfilling the excavation and replacing the railroad spur would not be required under the workplan, and to demobilized from the site. SIGNAL completed demobilization on January 21, 1995 (Appendix 10).

1 9016549

FIGURE 2 SAAD SITE EXCAVATION CELLS 1 AND 2 CROSS-SECTION A-A'



??-UNKNOWN

FIGURE 3
Soil Sample Locations of Stockpiles
Saad Site, Fall 1994

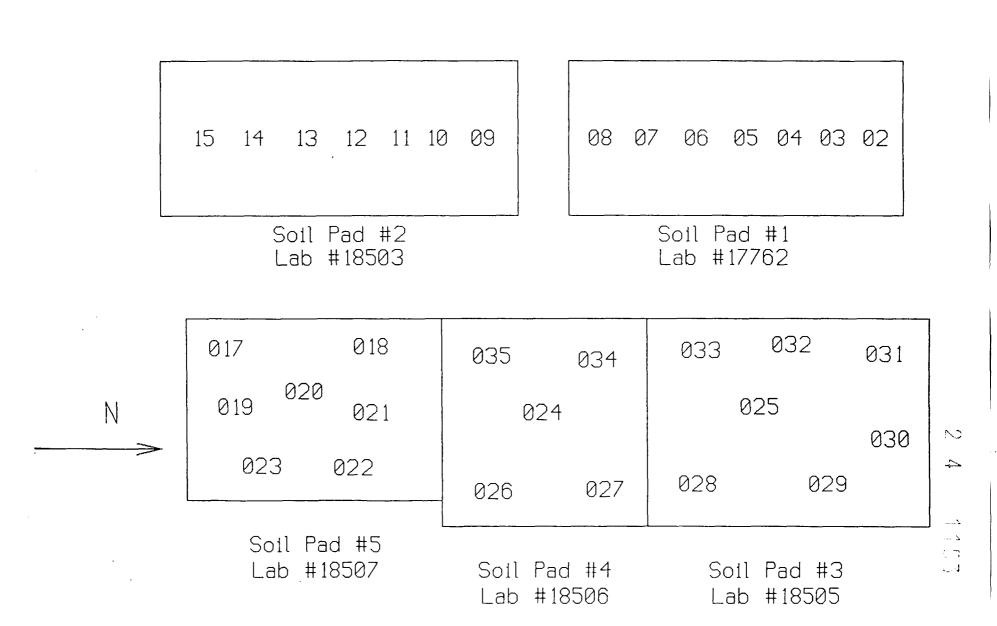


FIGURE 4 Resample Locations of Stockpiles Saad Site, December 1994

R032 R031 R034 R035 R030 R029

Soil Pad #2NH

R027		RØ26
RØ22	RØ28	R025
Re)23	R024

Soil Pad #2H

RØ:	18	RØ19	RØ14	R013	RØØ1	R002	
RØ17	R020	R021	RØ12	RØ11		R007	R003
	RØ16	RØ15	R010 R0	R008 009	RØØ5	R006	R004

Soil Pad #5

Soil Pad #4

Soil Pad #3

150

2 4 1455

TABLE 1A: SAAD SITE SOIL SAMPLE SUMMARY FALL 1994

SAMPLE ID NO.	DISPOSITION	
SAD10/27001A	Analyzed to characterize soil for disposal. (Lab #17431 from Pad #1)	
SAD10/27001B	Held for future analysis if needed. (Lab #17431 from Pad #1)	
SAD11/3002A&B		
SAD113003A&B		
SAD11/3004A&B	2A DA Campalidated for one analysis and 2D DD hold for accepts	
SAD11/3005A&B	2A-8A Consolidated for one analysis and 2B-8B held for possible future analysis. Samples from Pad #1 (Lab #17762).	
SAD11/3006A&B		
SAD11/3007A&B		
SAD11/3008A&B		
SAD11/3009A&B		
SAD11/3010A&B		
SAD11/3011A&B	OA 15 A Consolidated for one analysis and OD 15D hold for possible	
SAD11/3012A&B	9A-15A Consolidated for one analysis and 9B-15B held for possible future analysis. Samples from Pad #2 (Lab #18503).	
SAD11/17013A&B		
SAD11/17014A&B		
SAD11/17015A&B		
SAD11/17016A&B	Laboratory analysis of concrete. (Lab #18504)	
SAD11/17017A&B		
SAD11/17018A&B		
SAD11/17019A&B	17A-23A Consolidated for one analysis and 17B-23B held for possible	
SAD11/17020A&B	future analysis. Samples from Pad #5 (Lab #18507).	
SAD11/17021A&B		
SAD11/17022A&B		
SAD11/17023A&B		

TABLE 1A cont.				
SAD11/17024A&B				
SAD11/17026A&B	24A, 26A, 27A, 34A, 35A, consolidated for one analysis. 24B, 26B,			
SAD11/17027A&B	27B, 34B, 35B held for possible future analysis. Samples from Pad #4			
SAD11/17034A&B	(Lab #18506).			
SAD11/17035A&B				
SAD11/17025A&B				
SAD11/17028A&B				
SAD11/17029A&B	25A, 28A, 29A, 30A, 31A, 32A, 33A consolidated for one analysis.			
SAD11/17030A&B	25B, 28B, 29B, 30B, 31B, 32B, 33B held for possible future analysis. Samples from Pad #3 (Lab #18505).			
SAD11/17031A&B				
SAD11/17032A&B				
SAD11/17033A&B				

TABLE 1B: SAAD SITE SOIL RESAMPLE SUMMARY DECEMBER 1994

SAMPLE ID NO.	LAB NAME	DISPOSITION		
R001	Analytical	R001-R007 Consolidated for one analysis. Sample		
R002	Industrial Research	from Pad #3 (Lab #19068).		
R003	Laboratories, Inc.			
R004				
R005				
R006				
R007				
R015	Analytical	R015-R021 Consolidated for one analysis. Sample from Pad #5 (Lab #19069).		
R016	Industrial Research			
R017	Laboratories, Inc.			
R018				
R019]			
R020				
R021				
R001	Specialized Assays	R001-R007 Consolidated for one analysis. Samples		
R002	Environmental	from Pad #3 (Lab #94-A063854).		
R003	7			
R004				
R005				
R006				
R007				

	TABLI	E 1B cont.
R008	Specialized Assays	R008-R014 Consolidated for one analysis. Samples
R009	Environmental	from Pad #4 (Lab #94-A063855).
R010		
R011		
R012		
R013		
R014		
R015	Specialized Assays	R0015-R021 Consolidated for one analysis.
R016	Environmental	Samples from Pad #5 (Lab #94-A063856).
R017		
R018		
R019		
R020		
R021		
R022	Specialized	R022-R028Consolidated for one analysis. Samples from Pad #2H (Lab #94-A063857).
R023	Assays Environmental	
R024	Livironnenta	
R025		
R026		
R027		
R028		
R029	Specialized	R029-R035 Consolidated for one analysis. Samples
R030	Assays Environmental	from Pad #2NH (Lab #94-A063858).
R031	Zaran Omnontui	
R032		
R033		
R034		
R035		

TABLE 2: SAAD OFF-SITE WASTE SHIPMENT SUMMARY FALL 1994

Type	Manifest #	Waste Stream	Designated Facility Name	Total Quantity
Non-hazardous	W0001	Pit water	Laidlaw Environmental Services'	5000 gal
Non-hazardous	W0002	Pit water	Laidlaw Environmental Services ¹	5000 gal
Non-hazardous	W0003	Pit water	Laidlaw Environmental Services ¹	5000 gal
Non-hazardous	W0004	Pit water	Laidlaw Environmental Services ¹	5000 gal
Hazardous	H0001	Soil	Chemical Waste Management Inc. ²	46000 lb
Hazardous	H0002	Soil	Chemical Waste Management Inc. ²	46000 lb
Hazardous	H0003	Soil	Chemical Waste Management Inc. ²	46000 lb
Hazardous	H0004	Soil	Chemical Waste Management Inc. ²	48000 lb
Hazardous	H0005	Soil	Chemical Waste Management Inc. ²	46000 lb
Hazardous	H0006	Soil	Chemical Waste Management Inc. ²	47000 lb
Hazardous	H0007	Soil	Chemical Waste Management Inc. ²	47000 lb
Hazardous	H0008	Soil	Chemical Waste Management Inc. ²	48000 lb
Hazardous	H0009	Soil	Chemical Waste Management Inc. ²	47000 lb
Hazardous	H0010	Soil	Chemical Waste Management Inc. ²	46000 lb
Hazardous	H0011	Soil	Chemical Waste Management Inc. ²	47000 lb
Hazardous	H0012	Soil	Chemical Waste Management Inc. ²	44000 lb
Hazardous	H0013	Soil	Chemical Waste Management Inc. ²	46000 lb
Hazardous	H0014	Soil	Chemical Waste Management Inc. ²	48000 lb
Hazardous	H0015	Soil	Chemical Waste Management Inc. ²	47000 lb
Hazardous	H0016	Soil	Chemical Waste Management Inc. ²	48000 lb
Hazardous	H0017	Soil	Chemical Waste Management Inc. ²	46000 lb
Hazardous	H0018	Soil	Chemical Waste Management Inc. ²	47000 lb
Hazardous	H0019	Soil	Chemical Waste Management Inc. ²	44000 lb
Hazardous	H0020	Soil	Chemical Waste Management Inc. ²	48000 lb
Hazardous	H0021	Soil	Chemical Waste Management Inc. ²	47000 lb

	TABLE 2 cont.				
Hazardous	H0022	Soil	Chemical Waste Management Inc. ²	47000 lb	
Hazardous	H0023	Soil	Chemical Waste Management Inc. ²	40000 lb	
Hazardous	H0024	Soil	Chemical Waste Management Inc. ²	47000 lb	
Hazardous	H0025	Soil	Chemical Waste Management Inc. ²	40000 lb	
Hazardous	H0026	Soil	Chemical Waste Management Inc. ²	48000 lb	
Hazardous	H0027	Soil	Chemical Waste Management Inc. ²	44000 lb	
Hazardous	H0028	Soil	Chemical Waste Management Inc. ²	42500 lb	
Hazardous	H0029	Soil	Chemical Waste Management Inc. ²	48000 lb	
Hazardous	H0030	Soil	Laidlaw Environmental Services ³	45000 lb	
Hazardous	H0031	Soil	Laidlaw Environmental Services ³	44000 lb	
Hazardous	H0032	Soil	Laidlaw Environmental Services ³	44000 lb	
Non-hazardous	08936	Soil	Sanifill of Tennessee ⁴	22 tons	
Non-hazardous	08937	Soil	Sanifill of Tennessee ⁴	22 tons	
Non-hazardous	08938	Soil	Sanifill of Tennessee ⁴	22 tons	
Non-hazardous	08939	Soil	Sanifill of Tennessee ⁴	22 tons	
Non-hazardous	08940	Soil	Sanifill of Tennessee ⁴	22 tons	
Non-hazardous	08941	Soil	Sanifill of Tennessee ⁴	22 tons	
Non-hazardous	08942	Soil	Sanifill of Tennessee ⁴	22 tons	
Non-hazardous	08943	Soil	Sanifill of Tennessee ⁴	22 tons	
Non-hazardous	08944	Soil	Sanifill of Tennessee ⁴	22 tons	
Non-hazardous	08945	Soil	Sanifill of Tennessee ⁴	20 tons	

*Estimated amount shipped

¹Laidlaw Environmental Services (WT), Inc. 1640 Antioch Pike Antioch, Tennessee 37013 Actual amount shipped = 20,000 gal

²Chemical Waste Management, Inc. 4636 Adams Center Road Fort Wayne, Indiana 46806 Actual amount shipped = 621.77 tons ³Laidlaw Environmental Services of South Carolina, Inc. Route 1, Box 255
Pinewood, South Carolina 29125
Actual amount shipped = 63.27 tons

⁴Sanifill of Tennessee Cedar Ridge Landfill 2340 Mooresville Highway Lewisburg, Tennessee 37091 Actual amount shipped = 222 yd³

TABLE 3: HNU Reading, ppm Saad Site, November 17, 1994

Time	Franklin Brick Fence	Saad Excavation Pit
7:45 a.m.	1.6	3 - 5
8:15 a.m.	1.5	4 - 6
9:05 a.m.	1.7	4 - 6
9:56 a.m.	1.8	5 - 6
11:45 a.m.	8 - 10	5.9

NOTE: Ranges with HNU readings are due to a slight breeze that periodically interfered with steady readings. The wind was blowing in the direction of the pit to the fence.

APPENDIX 1

EXHIBIT A

SAAD SITE PHASE III REMOVAL ACTION WORK PLAN

Submitted by:

Saad Site Steering Committee

September 20, 1994

TABLE OF CONTENTS

1.0	INTE	RODUCTION 1
	1.1	Background/History and Previous Removal Activities
	1.2	General Site Description
	1.3	Objectives
	1.4	Project Organization
	1.5	Site Management
	1.6	Health and Safety/Quality Assurance and Control
	1.7	Contractor
2.0	MOB	ILIZATION/SITE PREPARATION
	2.1	Transition and Security4
	2.2	Site Work Zone Definition 4
	2.3	Decontamination Facilities
	2.4	Materials Handling and Staging
	2.5	Field Office Facilities
3.0	EXC	AVATION/REMOVAL PLAN
	3.1	Excavation Methodology
	3.2	Post Excavation
	3.3	Stockpile/Soils Sampling
	3.4	Decontamination/Excavation Water
	3.5	Debris/Soils Loading
	3.6	Other Considerations
4.0	DISP	OSAL12
5.0	SCHI	EDULE 13

1.0 INTRODUCTION

This Removal Action Work Plan has been prepared on behalf of the Saad site Steering

Committee (Committee) in conjunction with the Administrative Order by Consent (AOC), EPA Docket

No. 95-1-C, dated October 5, 1994, to complete removal activities at the site. This Work Plan is based
on information developed during Phase I and Phase II site removal and characterization investigations.

The U.S. EPA and the committee have agreed to implement this Work Plan for the limited and
discrete removal activities described herein.

1.1 Background/History and Previous Removal Activities

A detailed/description of past activities associated with Saad Site removal and site characterization activities has been provided in the Removal Action/Field Investigation Report (RA/FI) submitted to the U.S. EPA, Region IV in March 1992 and the Saad Site RA/FI Phase II report submitted in April 1993. A detailed summary of the combined removal activities can be found in the RA/FI Phase II report.

1.2 General Site Description

The general site description for the site for the purposes of this Work Plan is the area to which access is necessary to implement this Work Plan, being the property owned by Ellis and Kathy Saad at 3655 Trousdale Drive, the property owned by Franklin Brick Company at 3567 Trousdale Drive, and the portion of the property owned by CSX that is immediately to the west of these two sites and to the east of the railroad berm on the east side of the CSX property, all in Nashville, Tennessee.

1.3 Objectives

The objective of this Work Plan is to detail the project scope to address additional discrete soil and debris removal activities on the Franklin Brick property in the area to the west of the Franklin Brick building as specified in Section 3.0 (see Figure 1).

1.4 Project Organization

The general Project Organization for performance of the proposed removal action will remain the same as described in Section 1.5 and Figure 1-3 of the Removal Action Field Investigation Work Plan, Phase II, for the Saad Trousdale Drive Site, Nashville, Tennessee, July 1992. Completion of this discrete removal action will complete removal activities at the Saad Site.

1.5 Site Management

General Site Management responsibilities as presented in the RA/FI Phase II, Section 1.6, page 1-6 of the Removal Action Field Investigation Work- Plan, Phase II, for the Saad Trousdale Drive Site, Nashville, Tennessee, July 1992 will remain the same for the proposed removal activity.

1.6 Health and Safety/Quality Assurance and Control

The Health and Safety/Quality Assurance and Control activities associated with the removal action will conform to Section 1.8, of the Removal Action Field Investigation Work Plan, Phase II, for the Saad Trousdale Drive Site, Nashville, Tennessee, July 1992 to include Appendices I, Quality Assurance Project Plan, and Appendix II, Revised Health and Safety Plan.

1.7 Contractor

All references herein, or in documents referred to herein, to "Contractor", "Project Manager" or "Site Manager" shall refer to Signal Environmental Services, Inc., or alternate chosen by the Committee.

2.0 MOBILIZATION/SITE PREPARATION

Site mobilization and preparation prior to initiating the Work Plan Tasks will include and/or require the following:

(1) Written approval of the Removal Action Work Plan from EPA.

- (2) The current lessee of the Saad Building and property will be required to clear the Saad property of any equipment that may obstruct the removal action. The Saad property will be used as the staging area for excavated soils and debris.
- (3) Signed access agreements, as appropriate, to allow performance of work plan tasks.
- Additional security fencing, gates, and locks will be installed as necessary to restrict access to the site and to allow effective equipment and vehicles access/egress for the site activities.
- (5) Construction of designated fluid holding tank area for accumulated water and excavation associated decontamination waters.
- Removal of a portion of the existing rail line on the Franklin Brick property and the placement of a rail stop to protect the removal action associated personnel and equipment and allow continuous business activities to be performed at the Franklin Brick Yard. This activity will be performed by an approved contractor. Replacement of rails will be performed by a contractor approved by Franklin Brick and CSX, with CSX personnel providing installation inspection, as appropriate.

2.1 Transition and Security

Upon the later of 30 days after the Committee receives notice of EPA's execution of the AOC, Contractor will initiate mobilization of the necessary personnel, equipment, and materials to facilitate temporary site security necessary to begin site activities. Site security for the proposed field activities will be established following the removal of all equipment currently stored on site by the current tenant/owner of the property. Site security measures will include the following:

- Temporary fencing and placarding as necessary to restrict site access.
- Establishment of the Site command post which will be the designated entry into the Site for all site personnel, visitors, etc.

Permanent security measures now in place will be maintained during the work, to include permanent perimeter fencing, security lighting, and placarding.

2.2 Site Work Zone Definition

The Work Zones and associated levels of personnel protection have been previously provided in Section 1.7 of the July 1992 RA/FI Phase II Work Plan. Areas in which site excavation and staging activities are being performed will be designated as the Exclusion Zone.

The Contaminant Reduction Zone (CRZ) is the transition area between the potentially contaminated area and the clean area. This zone will include all decontamination areas. Multiple personnel and equipment decontamination areas are expected during project implementation.

The Support Zone is the location of administration and other support functions needed to keep the operations in the Exclusion Zone and Contaminant Reduction Zone running smoothly.

2.3 Decontamination Facilities

Decontamination Facilities/Methods - Initial decontamination areas will be located in the general area indicated in Figure 2. Multiple decon areas are anticipated due to site excavation and debris stating activities. Water and electricity to support activities will be obtained from the Saad building if possible.

If necessitated by space limitations or access restrictions, the decontamination areas will be relocated.

2.4 Materials Handling and Staging

Materials handling and staging will be a significant problem associated with this removal activity.

The materials staging map, Figure 2, has been prepared to allow for both accumulation of soils and debris, effective movement of both excavation and staging/loading equipment, and a designated clean area for the loading of debris for off site disposal eliminating constant decontamination of equipment.

Additional space has been left for potential segregation activities, movement of any debris that, based on TCLP analysis is characteristically hazardous for waste disposal.

All debris will be placed on and covered with plastic sheeting. A berm will be constructed with straw/hay for each soil/debris pile. These bermed areas will be reused during the course of this removal action.

2.5 Field Office Pacilities

For purposes of this Work Plan, it is assumed that the former LTD Body Shop building will not be available for use as headquarters for operations and for storage of equipment and materials.

Therefore, a field headquarters will be installed as appropriate.

3.0 EXCAVATION/REMOVAL PLAN

Removal activities will consist of the excavation of an area on the Franklin Brick property in the area of the former settling basin. The lateral limits of the excavation area are shown on Figure 1 and are as follows:

The area is bounded on the South by the bedrock/concrete washout basin outcropping and that area previously evaluated by past borings B1 and B2 (RA/FI - Phase I) that determined minimal residuals.

The area is bounded on the east side by the Franklin Brick building with a ten (10) foot standoff to prevent potential structural damage to the building. Due to the nature of the fill material, shoring has not been provided for in this plan.

The area is bounded on the west by the previous Franklin Brick Trench (RA/FI - Phase II) from which materials were removed and replaced with clean fill, and by any necessary standoff from the CSX railroad berm.

The area is bounded on the north side by the Saad/Franklin Brick property boundary.

The vertical limit of excavation will be established by the first to be encountered of the following:

- The base of any smear zone;
- The surface of the perched water table after the dewatering efforts described in the paragraph below;
- The practicability limit based on side wall stability and associated potential impacts on structural integrity of the adjoining structures (10 ft. stand-off from the berm and minimum 10 ft. stand-off from the Franklin Brick building); and/or,
- Bedrock.

Dewatering efforts will be made for the purpose of exposing any smear zone for excavation.

Dewatering efforts will not proceed beyond what is practicable, the determination of which shall include consideration of results of the dewatering efforts and cost. This determination will be made in the field jointly by EPA's OSC and the Committee's Project Coordinator, and each may designate another authorized representative for this purpose. If these representatives are not able to agree, the dispute resolution procedure of the AOC shall apply and additional dewatering will not be conducted during the negotiation period. The Committee will not be required to continue dewatering efforts in excess of 25,000 gallons. However, if significant progress is being made in the dewatering effort, EPA may continue the process and then complete the work required pursuant to this Work Plan. The Committee acknowledges that EPA has indicated that it will seek to recover its costs for this work.

The maximum volume to be excavated and removed from the site for off-site disposal is 800 cubic yards. In order to provide flexibility for on-site decisions and with the concurrence of the EPA on-site representative, the vertical (subject to the foregoing) and/or lateral (i.e. to the north) extent/direction of excavation as detailed on Figure 1 may be altered, provided that the established maximum volume is not exceeded.

Based on previous analytical and disposal activities, excavated soil/debris is anticipated to be characteristically non-hazardous. As a result, segregation and decontamination of boulders and debris is not planned. Contingent upon actual disposal requirements and associated costs, segregation and cleaning may be conducted, with cleaned materials staged as fill for the excavation.

3.1 Excavation Methodology

Excavation of the area will proceed from a south to north direction. Excavation will not be performed in a lift methodology. Excavation will be performed with a trackhoe with a known bucket size. A bucket with a one yard (1 yard) capacity will be the minimum size allowed on-site. Estimated volumes will be based on the known bucket size.

The excavated materials will be deposited on the Saad Site for transportation to the tentative staging areas (see Figure 2) by the use of a track-loader. Due to the previous excavation performed at the site and the associated "soft spots", rubber tired vehicles/equipment will not be allowed in the active area.

Each soils stating area has been sized to accommodate approximately one hundred fifteen (115) cubic yards (yd³) of debris/soils. Rolloffs will not be used for soil/debris storage.

Soils/debris will be staged in such an order and manner to allow continuous excavation and simultaneously maintain additional work areas that may be required for non-scheduled segregation, resampling, etc. Actual staging locations and number will be based on site specific conditions.

3.2 Post Excavation

After all excavation activities have been concluded, the excavated pit will be backfilled and mechanically compacted to existing surface grade. The back fill material will be chosen based on both workability and cost. The Franklin Brick rail spur will be replaced and the wheel stop re-installed in its original position.

3.3 Stockpile/Soils Sampling

Two four ounce samples will be collected for each 15 yd³ excavated and stockpiled, resulting in 14 samples per 115 yd³ stockpile. Seven (7) of the samples will be composited to make one (1) sample per stockpile for waste disposal characterization using TCLP, full scan analysis. The additional seven (7) samples will be archived at the selected laboratory for a maximum of 90 days. In the event additional

analysis is required, sufficient sample will be available for another composited sample and corresponding analysis. Sampling and analysis plan modifications may be required to meet specific disposal facility requirements.

No characterization, beyond waste disposal requirement, sampling will be performed in conjunction with this removal action. Sampling will be continuous during all excavation/stockpiling activities. Samples will be placed on ice and submitted to the laboratory on a daily basis to expedite off site disposal.

3.4 Decontamination/Excavation Water

Any waters generated during excavation activities will be collected in an appropriate vessel. The accumulated fluids will be sampled for waste disposal analysis for off-site disposal as appropriate and in accordance with U.S. EPA's off-site policy.

3.5 Debris/Soils Loading

Soils and debris will be loaded on trucks for transportation to an appropriate disposal facility following TCLP analysis and manifesting. The trucks used for transportation will have a minimum of twenty (20) cubic yards capacity and 40,000 lb or greater weight limitation.

It is recommended that the trucks are constructed with steel beds, not aluminum, to prevent potential damage to the truck body due to large boulders and other debris. Trucks will be loaded in the designated loading area. A maximum of two trucks will be allowed on site for loading at any one time.

Loading will be performed with a track loader in a manner and an order consistent with laboratory disposal analysis. Trucks will not be decontaminated prior to leaving the site as they will not enter the exclusion zone. To the extent practicable, trucks used for disposal transportation will be delegated to only Saad Site activities and will not be allowed to perform similar simultaneous duties for other clients.

Time/trip tickets will be maintained by the Project Manager. Loading activities will occur at specific intervals to correlate with maximizing loading/disposal efficiency based on disposal analysis and continue until all approved waste has been removed from the site. It is anticipated that loading/disposal activities will occur at least once per week dependent on analysis, disposal firm approvals, and truck availability.

3.6 Other Considerations

During excavation, drums and/or drum bones may be encountered. In the event that drums are found, the site personnel will initiate the appropriate actions and activities previously submitted per the 1992 RA/FI Phase II Work Plan, Section 4.0, Subsection 4.2.2, 4.2.4, 4.3.3, 4.3.6 and 4.4.1. Figure 4-2 of the Phase II Work Plan, the decision tree for characterization/classification of excavated drums, will be used for drum project activity excavation. All applicable sections of the revised health and safety plan previously submitted in the 1992 FA/FI, Phase II, Work Plan for drum activities will be implemented.

4.0 DISPOSAL

Disposal of materials resulting from implementation of this Work Plan will be coordinated with the U.S. EPA and TDEC, and conducted in accordance with disposal facility requirements. Disposal will be performed in compliance with U.S. EPA's off-site policy.

5.0 SCHEDULE

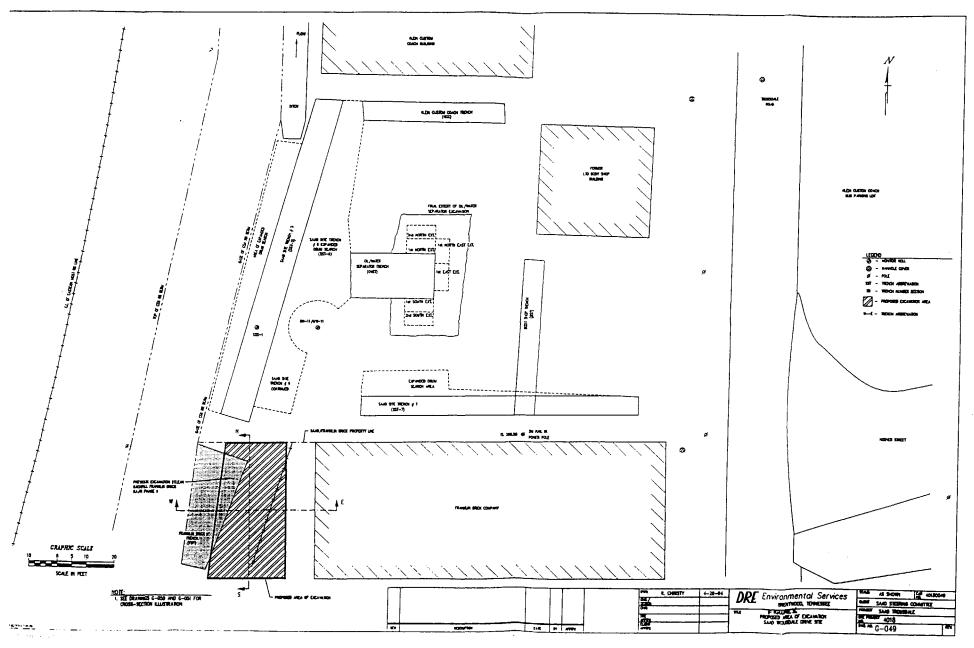
Removal project activities are to be initiated as provided in Section 2.1. All time is estimated on a five-day work week. The schedule will be adjusted in accordance with delays caused by force majeure as defined in Section VI-26 of the AOC and as appropriate in the event of any of the following schedule contingencies.

- 2 4 (17)
- Additional activities associated with debris segregation required by either the waste disposal facility or waste hauler.
- Inadequate availability and number of waste haulers contracted for disposal transportation.
- Additional waste disposal sampling.
- Waste disposal schedule changes due to disposal facility requirements and capacity
 issues, including those occasioned by having to treat or dispose of any excavated material
 or removed groundwater as a hazardous waste.
- Weather that does not permit work to be performed.

The tentative schedule is as follows (days are working days):

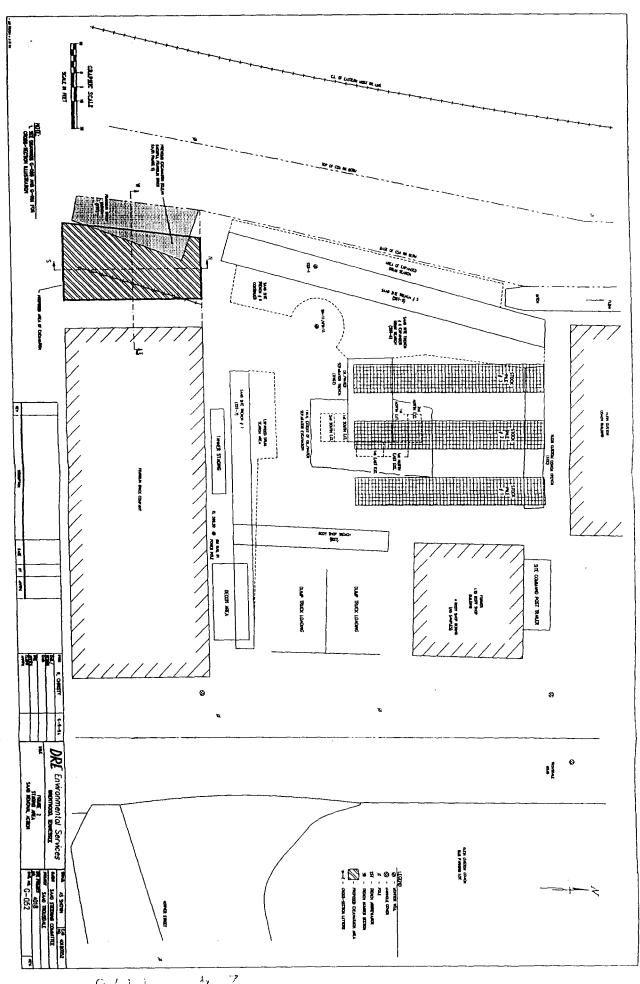
Mobilization - 5.0 days	(1 week)
Excavation/stockpiling/sampling - 60 days	(12 weeks)
Disposal (continuous with site activities) - 70 days	(14 weeks)
Demobilization - 5.0 days	(1 week)
RA/FI Phase III Report - (Post Disposal) - 30 days	(6 weeks)
Total anticipated time for site activities - 75 days	(15 weeks)

299090.05



4

 \cup 1



5411 7 3

Saed Trousdale Drive Site Phase III Removal Action Work Plan Date: 8 November 1994

Pursuant to the Administrative Order by Consent Section VI, Paragraph 17 (October 1994) and in accordance with the approved Phase III Removal Action Work Plan (Section 3.0), the following defines the agreed upon modifications to the work:

The lateral extent/direction of the excavation will be modified as follows:

The excavation moving south from the Sead property will be terminated 17 feet from the southerly endpoint defined in the approved Work Plan. The excavation will be continued to the north from the Saad southern property boundary for 17 feet or at the direction of the OSC up to 27 feet, maintaining the dimensions, off-sets, volume criteria, and other limitations specified in the Work Plan.

In Fred Strond James & Marino Saad Site Steering Committee

Work Modification No. 2 Saad Trousdale Drive Site Phase III Removal Action Work Plan

Date: 15 November 1994

Pursuant to the Administrative Order by Consent Section VI, Paragraph 17 (October 1994) and in accordance with the approved Phase III Removal Action Work Plan (Section 3.0), the following defines the agreed upon modifications to the work:

The vertical extent of the excavation will be modified as follows:

The excavation moving north from the Saad property southern boundary will be extended to a vertical limit (depth) not to exceed 16 ft bls. as directed by the OSC. The excavation will be continued longitudinally to the north from the Saad southern property boundary for up to 27 feet depending on the OSC's depth direction while maintaining the dimensions, off-sets, volume criteria, and other limitations specified in the Work Plan.

Saad Site Steering Committee

Project Coordinator

APPENDIX 2

HEALTH AND SAFETY PLAN AND CONTINGENCY PLAN SAAD - TROUSDALE DRIVE SITE NASHVILLE, TENNESSEE

Prepared by:

Signal Environmental Services, Inc. 900 Manufacturers Road, Second Floor Chattanooga, Tennessee 37405

October 1994

The following employees have been briefed on the Health and Safety Plan and given copies.

Stog V. Veal	G166 V. VEAL
Signature	Printed Name
Signature	Tames W. Gerffiff JA Printed Name
Signature	Shae A Hage/ Printed Name
Signature Signature	Doylas E TATE Printed Name
Signature	Tohu Scott Printed Name
Signature Signature	Printed Name
Signature Huggin	Ron Wiggins Printed Name
Makes Matthews Signature	MICHAEL R. MATTHEWS Printed Name
Signature	Printed Name
Signature	Printed Name
Signature	Printed Name
Signature	Printed Name
Signature	Printed Name

Saad - Trousdale Site Site Remediation Program Health and Safety Plan

Table of Contents

1.0 INTRODUCTION

- 1.1 Scope and Applicability of the Site Health and Safety Plan
- 1.2 Visitors

2.0 KEY PERSONNEL/ IDENTIFICATION OF HEALTH AND SAFETY

- 2.1 Key Personnel
- 2.2 Site Specific Health and Safety Personnel
- 2.3 Organizational Responsibility

3.0 TASK/ OPERATION SAFETY AND HEALTH RISK ANALYSIS

- 3.1 Historical Overview of Site
- 3.2 Task Risk Analysis
- 3.3 Task Hazard Description
 - 3.3.1 Mobilization
 - 3.3.2 Site Preparation
 - 3.3.3 Installation of Shoring
 - 3.3.4 Excavation
 - 3.3.5 Backfilling
 - 3.3.6 Loading of Haul Vehicles
 - 3.3.7 Site Restoration
 - 3.3.8 Project Closeout

3.4 Chemical and Physical Hazards

- 3.4.1 General Description
- 3.4.2 Toxicity Hazards
- 3.4.3 Fire/ Explosive Hazards
- 3.4.4 First Aid

4.0 PERSONNEL TRAINING REQUIREMENTS

- 4.1 Reassignment and Annual Training
- 4.2 Site Supervisor's Training
- 4.3 Training and Briefing Topics



5.0 PERSONAL PROTECTIVE EQUIPMENT TO BE USED

- 5.1 Levels of Protection
- 5.2 Level A Personal Protective Equipment
- 5.3 Level B Personal Protective Equipment
- 5.4 Level C Personal Protective Equipment
- 5.5 Level D Personal Protective Equipment
- 5.6 Reassessment of Protective Program
- 5.7 Work Mission Duration
 - 5.7.1 Monitoring of Worker Heat Stress
 - 5.7.2 Monitoring of Worker Cold Stress
- 5.8 Chemical Resistance and Integrity of Protective Material
 - 5.8.1 Mobilization (Level D)
 - 5.8.2 Site Preparation (Level D)
 - 5.8.3 Backfilling (Level D)
 - 5.8.4 Site Restoration (Level D)
 - 5.8.5 Project Closeout (Level D)
 - 5.8.6 Excavation in Contaminated Areas (Level C)
- 5.9 SOP for Respiratory Protective Devices
 - 5.9.1 Cleaning and Disinfecting Air Purifying Respirator (APR)
 - 5.9.2 APR Inspection and Checkouts
 - 5.9.3 Storage of APR
- 5.10 SOP for Personal Protective Equipment
 - 5.10.1 Inspection
 - 5.10.2 Storage

6.0 MEDICAL SURVEILLANCE REQUIREMENTS

- 6.1 Baseline or Reassignment Monitoring
- 6.2 Periodic Monitoring
- 6.3 Exposure/ Injury/ Medical Support
- 6.4 Exit Physical

7.0 FREQUENCY AND TYPES OF AIR MONITORING/ SAMPLING

- 7.1 Direct-Reading Monitoring Instruments
- 7.2 Specific Contaminants to be Monitored at the Site
 - 7.2.1 Site Monitoring and Sampling Program
- 8.0 SITE CONTROL MEASURES
 - 8.1 Buddy System



- 8.2 Site Communication Plan
- 8.3 Work Zone Definition
- 8.4 Nearest Medical Assistance
- 8.5 Safe Work Practices
- 8.6 Emergency Alarm Procedures

9.0 DECONTAMINATION PLAN

- 9.1 Standard Operating Procedures (SOP)
- 9.2 Levels of Decontamination Protection Required for Personnel
- 9.3 Equipment Decontamination
 - 9.3.1 Procedure for Decontaminating Heavy Machinery and Vehicles .
- 9.4 Disposition of Decontamination Wastes
- 9.5 Dust and Particulate Emission Controls

10.0 EMERGENCY RESPONSE/ CONTINGENCY PLAN

- 10.1 Pre-Emergency Planning
- 10.2 Personnel Roles and Line of Authority
- 10.3 Emergency Recognition/ Prevention
- 10.4 Evacuation Routes/ Procedures
- 10.5 Emergency Contact/ Notification System
- 10.6 Emergency Medical Treatment Procedures
- 10.7 Fire or Explosion
- 10.8 Spill or Leaks
- 10.9 Emergency Equipment/ Facilities

11.0 CONFINED SPACE ENTRY PROCEDURES

- 11.1 Definitions
- 11.2 General Provisions
- 11.3 Procedure of Confined Space Entry
- 11.4 Confined Space Observer

12.0 SPILL CONTAINMENT PROGRAM

13.0 HAZARD COMMUNICATION

- 13.1 Container Labeling
- 13.2 Material Safety Data Sheets (MSDSs)
- 13.3 Employee Training and Information

Appendices



1.0 Introduction

This section of the Site Health and Safety Plan (HASP) document defines general applicability and general responsibilities with respect to compliance with Health and Safety programs.

1.1 Scope and Applicability of the Site Health and Safety Plan

The purpose of this Site Health and Safety Plan is to define the requirements and designate protocols to be followed at the Site during remediation activities. Applicability extends to all Governmental employees, contractors, subcontractors, and visitors.

All personnel on site, including contractors and subcontractors, shall be informed of the site emergency response procedures and any potential fire, explosion, health, or safety hazards of the operation. This HASP summarizes those hazards in Table 3.1 and defines protective measures planned for the site.

This plan must be reviewed and an agreement to comply with the requirements must be signed by all personnel prior to entering the exclusion zone or the contamination reduction zone. Any changes to this plan must be documented and justified per Site Safety log (Appendix A).

During development of this plan, consideration was given to current safety standards as defined by EPA/OSHA/NIOSH, health effects and standards for known contaminants, and procedures designed to account for the potential for exposure to unknown substances. Specifically, the following reference sources have been consulted:

- OSHA 29 CFR 1910.120 and EPA 40 CFR 311
- U.S. EPA, OERR ERT Standard Operating Guides
- NIOSH/OSHA/USCG/EPA Occupational Health and Safety Guidance Document for Hazardous Waste Site Activities
- (ACGIH) Threshold Limit Values for Chemical Substances
- OSHA 29 CFR 1926
- OSHA 29 CFR 1910.1000 Air Contaminants Permissible Exposure Limits
- NIOSH Pocket Guide to Chemical Hazards, June 1990
- Proctor, N.H., et al, Chemical Hazards of the Workplace, Lippincott, Philadelphia, 1988
- OSHA 29 CFR 1910.1200 Hazard Communication Standard



Signal Environmental Services, Inc.

• Signal Environmental Services, Inc., Health and Safety Policy and Procedures Manual

1.2 Visitors

All visitors entering the contamination reduction zone and/or the exclusion zone at the site will be required to read and verify compliance with he provisions of this HASP. In addition, visitors will be expected to comply with relevant OSHA requirements such as medical monitoring (Sec. 6.0), Training (Sec. 4.0), and respiratory protection (if applicable). Visitors will also be expected to provide their own protective equipment. Visitors will be properly decontaminated prior to exiting the worksite.

In the event that a visitor does not adhere to the provision of the HASP, he/she will be requested to leave the work area. All non-conformance incidences will be recorded in the site log.

2.0 Key Personnel/Identification of the Health and Safety

2.1 Key Personnel

The following personnel and organizations are critical to the planned activities at the Site. The organizational structure will be reviewed and updated periodically by the site supervisor.

Signal Environmental Services, Inc.

Signal Environmental Services, Inc. is the Remediation Contractor on the job.

de maximis

demaximis, Inc. is contract administration.

2.2 Site Specific Health and Safety Personnel

The Site Health and Safety Officer (HSO) has total responsibility for ensuring that the following provisions of this HASP are adequate and implemented in the field. Changing field conditions may require decisions to be made concerning adequate protection programs. Therefore, it is vital that personnel assigned as HSO be experienced and meet the additional training requirements specified by OSHA in 29 CFR 1910.120 (See Section 4.0 of this HASP). The HSO is also responsible for



conducting site inspections on a regular basis in order to ensure the effectiveness of this plan. A morning briefing will be held at the beginning of each work day to reiterate safety practices, to designate the necessary safety equipment, and to review the day's work.

2.3 Organizational Responsibility

Signal Environmental Services, Inc., is the Remediation Contractor for the Saad - Trousdale Project. Signal is responsible for all Physical operations on site, including the health and safety of its workers.

3.0 Task/Operation Safety and Health Risk Analysis

3.1 Historical Overview of the Site

This HASP defines the hazards and methods to protect personnel from those hazards as identified in the background information. A thorough overview of historical information concerning the Site is available from de maximis, Inc. Remediation of property north of the site encountered numerous chemicals that are not suspected to be present but will be the reason for the continued air sampling. These chemicals are presented in Appendix B.

3.2 Task by Task Risk Analysis

The evaluation of hazards is based upon the knowledge of site background.

The following subsections describe each task/ operation in terms of the specific hazards associated with it. In addition, the protective measures to be implemented during completion of those operations are also identified.

The on-site work consists of the following tasks:

- I. Mobilization of construction facilities, materials, equipment, plant and personnel necessary to perform Works.
- II. Site preparation including:
 - provision of utilities;



- locating and maintaining all underground and above ground facilities which may be affected by the Works;
- Supply and installation of temporary fencing, barricades and warning signs to delineate and separate work areas;
- Construction of equipment and personnel decontamination facilities;
- Installation of weigh scale; and
- Removal of railroad tracks.
- III. Installation of shoring next to access road.
- IV. Excavation contaminated field tiles, granular bedding and associated soils.
- V. Backfilling excavations.
- VI. Loading of haul vehicles with on-site soils from the waste staging pad for off-site transportation.
- VII. Site restoration.
- VIII. Project closeout including decontamination and demobilization.

Table 3.1

Task Analysis

Chemical Hazards of Concern

Task	Chemical Hazard	Media	Concentration (ppm)	Route of Exposure
Mobilization	None	N/A	N/A	N/A
Site Preparation	None	N/A	N/A	N/A
Installation of Shoring	Polychlorinated Biphenyls (PCBs)	Soil	ND* - >500 ppm	Ingestion Inhalation
Excavation	PCBs	Soil	ND - >500 ppm	Ingestion Inhalation
Backfilling	None	N/A	N/A	N/A
Loading of Haul Vehicles	PCBs	Soil	ND - >500 ppm	Ingestion Inhalation
Site Restoration	None	N/A	N/A	N/A



Project Closeout	None	N/A	N/A	` N/A
Track Removal	None	N/A	N/A	N/A

*ND- None Detected

N/A - Not Applicable

3.3 Task Hazard Descriptions

3.3.1 Mobilization

General hazards associated with mobilization are:

- Back strain from lifting
- Vehicle accidents

Hazard Prevention

- Prevent back strain by using proper lifting techniques
- Seatbelts will be mandatory
- Operators are required to drive defensively

3.3.2 Site Preparation

General hazards encountered during site preparation include the following:

- Back strain from clearing vegetation.
- Driving vehicles, placing trailers, and collecting rubbish on uneven surfaces creates the possibility of the vehicle rolling, getting stuck in mud or ditches.
- Accidents due to vehicles getting flat tires or striking other objects.
- Crushing or pinching hazard due to trailer placement.
- Several types of hazards can be associated with utility hook-up depending on the particular work
 activity. Construction of temporary poles for electrical and/or telephone lines can disturb
 potentially contaminated soils.
- Rhus dermatitis (poison ivy, white sumac, etc.).



Cold stress and heat stress

Hazard Prevention

- Back strain can be prevented by frequent breaks in routine. Use slow, even movements and proper lifting techniques (i.e., with the legs). Work gloves will reduce the incidence of hand blistering and injury associated with clearing vegetation.
- Proper vehicle maintenance will prevent avoidable vehicle breakdown in the field. In order to minimize accidents from uneven terrain, a site surveillance should be performed on foot to choose a clear driving path.
- Seatbelts should be worn at all times.
- At a minimum, all heavy equipment shall have the safety features outlined in OSHA 29 CFR 1910/1926 Subpart O.
- Heavy equipment operators should have proper training and experience, and documentation of both. The general provisions of 1910/1926 would apply.
- Hazards associated with the particular utility should be anticipated and proper measures should be undertaken by the subcontractor employer. General provisions of 29 CFR 1910/1926 Subpart K, should be implemented in order to prevent electrical hazards.
- Rhus dermatitis can be prevented by training employees to recognize poisonous plants, protective clothing, and convenient wash facilities.
- Cold stress and heat stress are prevented by training employees to recognize symptoms, to observe preventive measures such as wearing proper clothing; by providing acclimatization periods for unacclimatized employees; by providing adequate rest areas (Sections 5.7.1 and 5.7.2), and by medical surveillance (Section 6).

3.3.3 Installation of Shoring

This section is not currently applicable to this health and safety plan. If necessary, it will be covered in the shoring plan.

3.3.4 Excavation

General hazards encountered during excavation include the following:

Cave-ins



- Falls
- Confined space potential
- Heavy machinery accidents

Hazard Prevention

- The excavation will be 2:1 sloped to the bottom where practical. In other areas the excavation will be shored.
- This opening generally does not have confined space potential due to the opening of the excavation and the shallow excavation. The confined areas will be monitored for LEL, O₂ and CO as well as volatile organics with portable survey instruments. Trenching will be conducted in a trench box. The requirements of 29 CFR 1910.146 will be followed for all identified permit required confined spaces.
- All heavy equipment will be equipped with back-up warning devices. Operators will be reminded
 of safety procedures daily.
- Proper vehicle maintenance will prevent avoidable vehicle breakdown in the field. In order to minimize accidents from uneven terrain, a site surveillance should be performed on foot to choose a clear driving path.
- Seatbelts should be worn at all times.
- At a minimum, all heavy equipment shall have the safety features outlined in OSHA 29 CFR 1910/1926 Subpart O.
- Heavy equipment operators should have proper training and experience, and documentation of both. The general provisions of 1910/1926 would apply.

3.3.5 Backfilling

General hazards associated with backfilling include the following:

- Heavy equipment accidents
- Vehicle accidents

Hazard Prevention

All heavy equipment will be equipped with back-up warning devices. Operators will be reminded
of safety procedures daily.



- Proper vehicle maintenance will prevent avoidable vehicle breakdown in the field. In order to minimize accidents from uneven terrain, a site surveillance should be performed on foot to choose a clear driving path.
- Seatbelts should be worn at all times.
- At a minimum, all heavy equipment shall have the features outlined in OSHA 29 CFR 1910/1926
 Subpart O.
- Heavy equipment operators should have proper training and experience, and documentation of both. The general provisions of 1910/1926 would apply.

3.3.6 Loading of Haul Vehicles

General hazards associated with loading of haul vehicles are:

Heavy equipment accidents

Hazard Prevention

- Proper vehicle maintenance will prevent avoidable vehicle breakdown in the field. In order to
 minimize accidents from uneven terrain, a site surveillance should be performed on foot to choose
 a clear driving path.
- Seatbelts should be worn at all times.
- At a minimum, all heavy equipment shall have the safety features outlined in OSHA 29 CFR 1910/1926 Subpart O.
- Heavy equipment operators should have proper training and experience, and documentation of both. The general provisions of 1910/1926 would apply.

3.3.7 Site Restoration

General hazards associated with site restoration are as follows:

- Back straining from lifting
- Vehicle accidents



Hazard Prevention

- Prevent back strain by using proper lifting techniques.
- Proper vehicle maintenance will prevent avoidable vehicle breakdown in the field. In order to minimize accidents from uneven terrain, a site surveillance should be performed on foot to choose a clear driving path.
- Seatbelts should be worn at all times.

3.3.8 Use of Cutting Torches

General hazards are:

- Improper eye protection from radiation
- Fire hazards
- Burns
- Explosions
- Breathing of fumes

Hazard Prevention

- Minimum protective goggles or face shield with eye protection-shaded filter lenses are provided in Appendix D. This appendix also describes other issues of safety which may need to be addressed.
- All moveable fire hazards will be removed or guards placed to confine heat and sparks
- Fire extinguisher will be ready for instant use
- Hot work permit needs to be issued
- No torch use will be permitted in areas with explosive atmospheres
- All drums or vessels will be blanked or disconnected
- Protective clothing will be used to protect hands and body from sparks
- Exhaust fans will be used if ventilation is insufficient to remove toxic fumes
- No pressure exceeding 15 psig or 30 psia
- Only approved apparatus will be used
- Compressed gas cylinders will be properly marked for gas content
- Cylinders will be kept away from actual cutting operation or other heat sources
- Oxygen will be kept from combustible material and oil or grease



- Valve protection will always be in place
- Valves will be kept closed unless in use
- Cylinders will be secured to prevent them from falling or rolling

3.3.9 Project Closeout

General hazards associated with the project closeout are as follows:

- Back straining from lifting
- Vehicle accidents

Hazard Prevention

- Prevent back strain by using proper lifting techniques.
- Proper vehicle maintenance will prevent avoidable vehicle breakdown in the field. In order to minimize accidents from uneven terrain, a site surveillance should be performed on foot to choose a clear driving path.
- Seatbelts should be worn at all times.

3.4 Chemical and Physical Hazards

3.4.1 General Description

The only chemical hazards present are Polychlorinated Byphenols (Specifically Aroclor 1242 and Aroclor 1260). Table 3.2 contains some characteristics of the compounds of concern.

Table 3.2
Chemical Characteristics

Compound	Odor	Flashpoint (°F)	PEL (mg/m³)	IDLH (mg/m³)	Comments
Aroclor 1242	Mild Oil Odor	N.E.	1.0	10.0	Irritates eyes, chloroacne, Liver damage

Compound	Odor	Flashpoint (°F)	PEL (mg/m³)	IDLH (mg/m³)	Comments
Aroclor	Mild Oil	N.E.	0.5	5.0	Irritated eyes, Chloroacne,
1260	Odor				Liver damage

N.E. - None Established

3.4.2 Toxicity Hazards

These chemicals may be hazardous by skin absorption or inhalation of these aerosols and liquids. Permissible exposure limits (PELs) are shown in Table 3.2. Airborne concentrations will be kept within these limits.

3.4.3 Fire/Explosion Hazards

Fire hazards associated with PCB compounds are minimal.

3.4.4 First Aid

If any of these chemicals come into contact with the eyes, immediately wash the eyes with large amounts of water, occasionally lifting the lower and upper lids. Get medical attention immediately. Contact lenses should not be worn when working. If these chemicals come in contact with the skin, promptly wash the contaminated skin with soap and water. If these chemicals penetrate through the clothing, promptly remove the clothing and wash the skin with soap and water. Get medical attention promptly. If a person breathes in large amounts of the chemical aerosols, move the exposed person to fresh air at once. Once removed from area, get medical attention immediately. If these chemicals have been swallowed, get medical attention immediately.

3.5 Site Safety Equipment

A listing of on-site safety equipment is provided in Appendix C.

4.0 Personnel Training Requirements

Consistent with OSHA's 29 CFR 1910.120 regulation covering Hazardous Waste Operations and Emergency Response, all site personnel are required to be trained in accordance with the standard. At a minimum all personnel are required to be trained to recognize the hazards on-site, the provision of this HASP, and the responsible personnel.

4.1 Reassignment and Annual Refresher Training

Prior to arrival on site, each employer will be responsible for certifying that his/her employees meet the requirements of reassignment training, consistent with 29 CFR 1910.120 paragraph (e)(3). The employer will provide a document certifying that each general site worker has received 40 hours of instruction off the site, and 24 hours of training for any workers who are on site only occasionally for a specific task. If an individual employee has work experience and/or training that is equivalent to that provided in the initial training, an employer may waive the 40-hour training so long as that equivalent experience is documented or certified. All personnel must also receive 8 hours of refresher training annually.

4.2 Site Supervisor's Training

Consistent with OSHA 29 CFR 1910.120 paragraph (e)(8), individuals designated as site supervisors require an additional 8 hours of training.

4.3 Training and Briefing Topics

The following items will be discussed by a qualified individual at the site pre-entry briefing(s) or periodic site briefings.

Training ,	Frequency
Confined space entry procedure, Sec. 11.0	Periodic
Emergency response plan, Sec. 10.0; [29 CFR 1910.120(1)]	Periodic
Engineering controls and work practices	Periodic

Training	Frequency
Chemical hazards, Table 3.1	Periodic
Overhead and ground utilities	Periodic
Personal protective equipment, Sec. 5.0	Periodic
Physical hazards. Table 3.2	Periodic
Respiratory protection, Sec. 5.8	Periodic
Training requirements, Sec. 4.0; [29 CFR 1910.120(e)]	Periodic

5.0 Personal Protective Equipment to be Used

This section describes the general requirements of the EPA designated Levels of Protection (A-D), and the specific levels of protection required for each task at the Site. All respiratory protection will comply with Signal's Respiratory Protection Program as required by OSHA 1910.134. Available site safety equipment list is provided in Appendix C.

5.1 Levels of Protection

Personnel wear protective equipment when response activities involve known or suspected atmospheric contamination vapors, gases, or particulates may be generated by site activities, or when direct contact with skin-affecting substances may occur. Full facepiece respirators protect lungs, gastrointestinal tract, and eyes against airborne toxicants. Chemical-resistant clothing protects the skin from contact with skin-destructive and absorbable chemicals.

The specific levels of protection and necessary components for each have been divided into four categories according to the degrees of protection afforded:

- Level A Should be worn when the highest level of respiratory, skin, and eye protection is needed.
- Level B Should be worn when the highest level of respiratory protection is needed, but a lesser level of skin protection. Level B is a minimum level of choice when encountering unknown environments.



- Level C Should be worn when criteria for using air-purifying respirators are met, and a lesser level of skin protection is needed.
- Level D Should be worn only as a work uniform and not in any area with respiratory hazards. it provides minimal protection against chemical hazards.

Modifications to these levels are permitted and routinely employed during site work activities to maximize efficiency. For example, Level C respiratory protection and Level D skin protection may be required at the same task. Likewise, the type of chemical protective ensemble (i.e., material, format) will depend upon contaminants and degrees of contact.

The Level of Protection selected is based upon the following:

- Type and measured concentration of the chemical substance in the ambient atmosphere and its toxicity.
- Potential for exposure to substances in air, liquids, or other direct contact with material due to work being done.
- Knowledge of chemicals on-site along with properties such as toxicity, route of exposure, and contaminant matrix.

In situations where the type of chemical, concentration, and possibilities of contact are not known, the appropriate Level of Protection must be selected based on professional experience and judgement until the hazards can be better identified.

5.2 Level A Personal Protective Equipment

- Supplied-air respirator approved by the Mine Safety and Health Administration (MSHA) and National Institute for Occupational Safety and Health (NIOSH). Respirators may be positive pressure-demand, self-contained breathing apparatus (SCBA), or positive pressure-demand, airline respirator (with escape bottle for Immediately Dangerous to Life or Health (IDLH) or potential for IDLH atmosphere)
- Fully encapsulating chemical resistant suit
- Long cotton underwear
- Gloves (inner)
- Boots, chemical resistant, steel toed and shank (depending on suit construction, worn over or under suit boot)



- Hard hat (under suit)
- Disposable gloves and boot covers (worn over fully encapsulating suit)
- 2-way Radio communication (intrinsically safe)

5.3 Level B Personal Protective Equipment

- Supplied-air Respirator (MSHA/NIOSH approved). Respirators may be positive pressuredemand, self-contained breathing apparatus (SCBA), or positive pressure-demand, airline respirator (with escape bottle for IDLH or potential IDLH atmosphere)
- Chemical-resistant clothing (overalls and long-sleeved jacket; hooded, one or two-piece chemical-splash suit; disposable chemical-resistant, one-piece suits)
- Coveralls
- Gloves (outer), chemical-resistant
- Gloves (inner), chemical-resistant
- Boots (outer), chemical-resistant, steel toe and shank
- Hard hat (face shield)
- 2-way radio communication (intrinsically safe)

5.4 Level C Personal Protective Equipment

- Air-purifying respirator, full- or half-face, cartridge-equipped (MSHA/NIOSH approved)
- Chemical-resistant clothing (coveralls; hooded, one-piece or two-piece chemical splash suit; chemical-resistant hood and apron; disposable chemical-resistant coveralls)
- Coveralls
- Gloves (outer), chemical-resistant
- Gloves (inner), chemical-resistant
- Boots (outer), chemical-resistant, steel toe and shank
- Hard hat (face shield)
- 2-way radio communication (intrinsically safe)

5.5 Level D Personal Protective Equipment

- Coveralls
- Gloves



- Boots/shoes, leather or chemical resistant, steel toe and shank
- Safety glasses
- Hard hat

5.6 Reassessment of Protective Program

The Level of Protection provided by PPE selection shall be upgraded or downgraded based upon a change in site conditions or findings of investigations.

When a significant change occurs, the hazards should be reassessed. Some indicators of the need for reassessment are:

- Commencement of a new work phase, such as the start of drum sampling or work that begins on a different portion of the site.
- Change in job tasks during a work phase.
- Change of season/weather.
- When temperature extremes or individual medical considerations limit the effectiveness of PPE.
- Contaminants other than those previously identified are encountered.
- Change in ambient levels of contaminants.
- Change in work scope which effects the degree of contact with contaminants.

5.7 Work Mission Duration

Before the workers actually begin work in their PPE ensembles the anticipated duration of the work mission should be established. Several factors limit mission length, including:

- Air supply consumption (SCBA use).
- Suit/Ensemble permeation and penetration rates for chemicals (section 5.8).
- Ambient temperature and weather conditions (heat stress/cold stress).
- Capacity of personnel to work in PPE.

5.7.1 Monitoring of Worker Heat Stress

When workers are anticipated to work in hot environments, the following measures will be takes to reduce the chance of injury to the workers:

- Workers will be reminded to pace themselves and take short rest breaks as approved by the Health and Safety Officer.
- Cool potable water will be made available.
- Rest breaks will be provided in areas which are cooler than the work area.
- Wind velocity, air temperature, radiant heat temperature and humidity will be continuously monitored.

5.7.2 Monitoring of worker Cold Stress

When workers are anticipated to work in cold environments, the following measures will be taken to reduce the chance of injury to the workers:

- Workers will be reminded to wear insulated clothing under their PPE.
- Workers will take short rest breaks as approved by the Health and Safety Officer.
- Rest breaks will be provided in areas which are warmer than the work area.
- Wind velocity, air temperature, radiant heat temperature and humidity will be continuously monitored.

5.8 Chemical Resistance and Integrity of Protective Material

The following specific clothing materials and levels of protection are recommended for the site tasks:

5.8.1 Mobilization - (Level D)

- Boots/Gloves Steel Toe
- Outer Gloves Work Gloves
- Outer Garment/Coveralls Work Uniform



5.8.2 Site Preparation - (Level D)

- Boots/Boot Covers Steel Toe
- Outer Gloves Work Gloves
- Outer Garment/Coveralls Work Uniform

5.8.3 Backfilling - (Level D)

- Boots/Boot Covers Steel Toe
- Outer Gloves Work Gloves
- Outer Garment/Coveralls Work Uniform

5.8.4 Site Restoration - (Level D)

- Boots/Boot Covers Steel Toe
- Outer Gloves Work Gloves
- Outer Garment/Coveralls Work Uniform

5.8.5 Project Closeout - (Level D)

- Boots/Boot Covers Steel Toe
- Outer Gloves Work Gloves
- Outer Garment/Coveralls Work Uniform

5.8.6 Excavation in Contaminated Areas - (Level C)

- Outer Gloves Butyl
- Outer Garment/Coveralls Tyvek
- Combination Organic Vapor and Particulate Cartridges

5.9 SOP for Respiratory Protection Devices

The following subsections define standard operating procedures for air purifying respirators and selfcontained breathing apparatus.



5.9.1 Cleaning and Disinfecting Air Purifying Respirators

APRs in routine use should be cleaned and disinfected at least daily. Where respirators are used only occasionally or when they are in storage, the cleaning interval is weekly or monthly, as appropriate.

Daily Cleaning Procedure

The steps to be followed for cleaning and disinfecting daily are as follows:

- Respirator Disassembly: Respirators are taken to a clean location where the filters, cartridges or
 canisters are removed, damaged to prevent accidental reuse, and discarded. For through cleaning,
 the inhalation and exhalation valves, speaking diaphragm, and any hoses are removed.
- Cleaning: In most instances, the cleaning and disinfecting solution by the manufacturer is used and dissolved in warm water in an appropriate tub. Using gloves, the respirator is placed in the tub and swirled for a few seconds. A soft brush may be used to facilitate cleaning.
- Rinsing: The cleaned and disinfected respirators are rinsed thoroughly in water to remove all traces of detergent and disinfectant. This is very important for preventing dermatitis.
- Drying: The respirators may be allowed to dry in room air on a clean surface. They may also be hung upside down like drying clothes, but care must be taken to not damage or distort the facepieces.
- Reassembly and Inspection: The clean, dry respirator facepieces should be reassembled and
 inspected in an area separate form the disassembly area to avoid contamination. Special emphasis
 should be given to inspecting the respirators for detergent or soap residue left by inadequate
 rinsing. This appears most often under the seat of the exhalation valve, and can cause valve
 leakage or sticking.

After Routine Use in Exclusion Zone

The steps to be taken for cleaning and disinfecting in the field are as follows:

- The mask may be washed/rinsed with soap and water.
- At a minimum, the mask should be wiped with disinfectant wipes (benzoalkaliod or isoproyl alcohol), and allowed to air dry in a clean area.



5.9.2 APR Inspection and Checkouts

- Each user of an APR will be fit-tested for that unit.
- Visually inspect the entire unit for any obvious damages, defects, or deteriorated rubber.
- Make sure that the facepiece harness is not damaged. The serrated portion of the harness can fragment which ill prevent proper face seal adjustment.
- Inspect lens for damage and proper seal in facepiece.
- Exhalation Valve pull off plastic cover and check valve for debris or for tears in the neoprene valve (which could cause leakage).
- Inhalation Valve (two) screw off cartridges/canisters and visually inspect neoprene valves for tears. Make sure that the inhalation valves and cartridge receptacle gaskets are in place.
- Make sure a protective cover lens is attached to the lens.
- Make sure the speaking diaphragm retainer ring is hand tight.
- Make sure that you have the correct cartridge.
- Don and perform negative pressure test.

5.9.3 Storage of Air Purifying Respirators

OSHA requires that respirators be stored against dust, sunlight, heat, extreme cold, excessive moisture, damaging chemicals, and mechanical damage.

Storage of respirators should be in a clean area, minimizing the chance for contamination or unsanitary conditions.

5.10 SOP for Personal Protective Equipment (PPE)

5.10.1 Inspection

Proper inspection of PPE features several sequences of inspection depending upon specific articles of PPE and it's frequency of use. The different levels of inspection are as follows:

- Inspection and operational testing of equipment received from factory or distributor.
- Inspection of equipment as it is issued to workers.
- Inspection after use or training and prior to maintenance.
- Periodic inspection of stored equipment.



• Periodic inspection when a question arises concerning the appropriateness of the selected equipment, or when problems with similar equipment arise.

The primary inspection of PPE in use for activities at the Site occur prior to immediate use and will be conducted by the user. This ensures that the specific device or article has been checked-out by the user and that the user is familiar with its use.

Table 5.1 Sample PPE Inspection Checklists

Clothing

Before use:

- Determine that the clothing material is correct for the specified task at hand.
- Visually inspect for imperfect seams, non-uniform coatings, tears, and malfunctioning closures.
- Hold up to light and check for pinholes.
- Flex product, observing for cracks and other signs of shelf deterioration.
- If the product has been used previously, inspect inside and out for signs of chemical attack, resulting in discoloration, swelling and stiffness.

During use:

- Evidence of chemical attack such as discoloration, swelling, stiffness, and softening. However, keep in mind that chemical permeation can occur without any visible effects.
- Closure failure.
- Tears.
- Punctures.
- Seam Discontinuities.

Gloves

Before use:

 Visually inspect for imperfect seams, tears, and non-uniform coatings. Pressurize glove with air and listen for pin-hole leaks.



6.0 Medical Surveillance Requirements

Medical monitoring programs are designed to track the physical condition of employees on a regular basis, as well as survey pre-employment or baseline condition\s prior to potential exposures.

6.1 Baseline or Reassignment Monitoring

Prior to being assigned to a hazardous or potentially hazardous activity involving exposure to toxic materials, employees must receive a reassignment or baseline physical. The content of the physical is to be determined by the employer's medical consultant. As suggested by NIOSH/OSHA/USCG/EPA's Occupational Safety & Health Guidance Manual for hazardous Waste Site Activities, the minimum medical monitoring requirements for work at the Site is as follows:

- Complete medical and work histories.
- Physical examination.
- Pulmonary function tests (FVC and FEV1).
- Chest X-ray (every 2 years).
- EKG.
- Eye examination and visual acuity.
- Audiometry.
- Urinalysis.
- Blood chemistry and heavy metal toxicology.

The reassignment physical will categorize employees as fit-for-duty and enable them to wear the required levels of personal protective devices (including CPC for heat stress).

6.2 Periodic Monitoring

In addition to a baseline physical, all employees require a periodic physical within the last 12 months unless the advising physician believes a shorter interval is appropriate. The employer's medical consultant should prescribe an adequate medical which fulfills OSHA 29 CFR 1910.120 requirements. The reassignment medical outlined above is applicable.

All personnel working in contaminated or potentially contaminated areas at the Site will verify currency (within 12 months) with respect to medical monitoring. This is done by indicating date of last physical on the safety plan agreement form.

6.3 Exposure/Injury/Medical Support

As a follow-up to an injury or possible exposure above established exposure limits, all employees are entitled to and encouraged to seek medical attention and physical testing. Depending upon the type of exposure, it is critical to perform follow-up testing within 24-48 hours, it will be up to the employer's medical consultant to advise the type of test required to accurately monitor for exposure effects

6.4 Exit Physical

At termination of employment or reassignment to an activity or location which does not represent a risk of exposure to hazardous substances, an employee shall require an exit physical. If his/her last physical was within the last 6 months, the advising medical consultant has the right to determine adequacy and necessity of exit exam.

7.0 Frequency and Types of Air Monitoring/Sampling

This section explains the general concepts of an air monitoring program and specifies the surveillance activities that will take place during project completion at the Site.

The purpose of air monitoring is to identify and quantify airborne contaminants in order to verify and determine the level of worker protection needed. Initial screening for identification is often qualitative, i.e., the contaminant, or the class to which it belongs, is demonstrated to be present but the determination os its concentration (quantification) must await subsequent testing. two principle approaches are available for identifying and/or quantifying airborne contaminants:

- The onsite use of direct-reading instruments.
- Laboratory analysis of air samples obtained by gas sampling bag, collection media (i.e., filter, sorbent), and/or wet-contaminant collection methods.



All air monitoring data will be recorded in the safety log (Appendix A). Calibration of air monitoring equipment will be performed daily as specified by the manufacturer.

7.1 Direct-Reading Monitoring Instruments

Unlike air sampling devices, which are used to collect samples for subsequent analysis in a laboratory, direct-reading instruments provide information at the time of sampling, enabling rapid decision-making. Data obtained from the real-time monitors are used to assure proper selection of engineering controls, work practices and personal protective equipment. Overall, the instruments may provide an indication of whether or not site personnel are being exposed to concentrations which exceed individual exposure limits or action levels for specific hazardous materials.

Of significant importance, especially during initial entries, is the potential for IDLH conditions, including oxygen deficient atmospheres. Real-time monitors can be useful in identifying any IDLH conditions, toxic levels of airborne contaminants, flammable atmospheres, or radioactive hazards. Periodic monitoring of conditions is critical, especially if exposures may have increased since initial monitoring or if new site activities have commenced.

Table 7.1, excerpted from Occupational Safety and Health Guidance for Hazardous Waste Site Activities, provides an overview of available monitoring instrumentation and their specific operating parameters.

Table 7.1 Some Direct-Reading Instruments for General Survey

• Instrument: Combustible Gas Indicator (CGI)

Hazard Monitored: Combustible gases and vapors.

Application: Measures the concentration of a combustible gas or vapor.

Detection Method: A filament, usually made of platinum, is heated by burning the combustible gas or vapor. The increase in heat is measured. Gas and vapors are ionized in a flame. A current is produced in proportion to the number of carbon atoms present.

General Care/Maintenance: Recharge or replace battery. Calibrate immediately before use.

Typical Operating Time: Can be used for as long as the battery lasts, or for the recommended intervals between calibrations, whichever is less.

• Instrument: Photoionizing Detector (PID)
Example: HNU.



Hazard Monitored: Many organic and some inorganic gases and vapors.

Application: Detects total concentration of many organic and some inorganic gases and vapors. Some identification compounds are possible if more than one probe is measured.

Detection Method: Ionizes molecules using UV radiation; produces a current that is proportional to the number of ions.

General Care/Maintenance: Recharge or replace battery. Regularly clean lamp window. Regularly clean and maintain the instrument and accessories.

Typical Operating Time: 10 hours. 5 hours with strip chart recorder.

Instrument: Oxygen Meter

Hazard Monitored: Oxygen (O2)

Application: Measures the percentage of O2 in the air.

Detection Method: Uses an electrical sensor to measure the partial pressure of O_2 in the air, and converts that reading to O_2 concentration.

General Care/Maintenance: Replace detector cell according to manufactures recommendations. Recharge or replace batteries prior to expiration of the specified interval. If the ambient air is more than 0.5% CO₂, replace the detector cell frequently.

Typical Operating Time: 8-12 hours.

7.2 Specific Contaminants to be Monitored at the Site

The following checklist provides a summary of the contaminants to be monitored for and frequency/schedule of monitoring. The air sampling checklist will serve as a site monitoring plan.

7.2.1 Site Monitoring and Sampling Program

Personal Dust Monitoring

• Personal Air Pump

Frequency: Continuous

Duration: Duration of work day

Locations: Personal Dust Samplers shall be provided to employees of highest risk at both the interim storage and contaminated soil excavation areas. A personal dust monitor shall be used by Signal to assess the exposure in the Exclusion Zone during excavation.



2 4 1213

Area Dust Monitoring

Low Volume Air Pump

Frequency: Continuous

Duration: Duration of the work day

Locations: (3) Three low volume air pumps shall be located down wind from the work activities.

In addition (1) one low volume air pump shall be located upwind from the work activities.

Personnel Monitoring Instrument

• Photoionizing Detector (PID)

Frequency: (1) One sample per hour or whenever deemed necessary by HSO.

Duration of Monitoring: 5 minutes

Locations: Samples will be collected inside work areas from the breathing zone.

Environmental Monitoring Instrument

• Photionizing Detector (PID)

Frequency: (1) One sample every two hours

Duration: 5 minutes

Location: (3) three monitors will be stationed downwind from the work activities at the property boundary and (1) one monitor will be stationed upwind from the work activities at the property boundary.

Air Monitoring Instruments

• Combustible Gas Indicator (CGI)

Frequency: HSO determination

Location: Excavation area

• Photoionization Detector (PID)

Frequency: HSO determination

Location: Excavation area

Oxygen Meter

Frequency: HSO determination,

Location: Excavation area

Action Levels

Explosive atmosphere



Action Level

Action

> 20% LEL

Explosion/fire hazard may develop. Withdraw from area and control source

of vapors.

Oxygen

Action Level

Action

<19.5%

Oxygen deficient atmosphere. Withdraw from area until authorized to return

by HSO. NOTE: Combustible gas readings are not valid in atmospheres with

<19.5% O₂

>23%

Fire hazard potential. Withdraw from area and consult a fire safety specialist

Organic gases and vapors

Action Level (ppm)

Action

> Background - 5

Half- or Full-face respirator available

5 - 50

Full-facepiece air purifying respirator, Level C

> 50

Shut-down activities, evaluate the need for level B or higher

respiratory protection

Dust

Action Level (mg/m³)

Action

 $> 150 \,\mu g/m^3$

Sample shall be analyzed for total PCB concentration

Reporting Format

Field Notebook

8.0 Site Control Measures

The following section defines measures and procedures for maintaining site control. Site control is an essential component in the implementation of the site and safety program.



8.1 Buddy System

During all activities when some conditions present a risk to personnel, the implementation of a buddy system is mandatory. A buddy system requires at least two people who work as a team; each looking out for each other.

8.2 Site Communication Plan

Successful communications between field teams and contact with personnel in the support zone is essential. Routine communications will be given verbally. A compressed gas airhorn will be used to signal emergency evacuations if needed. Emergency telephone numbers are provided in Section 10.5 and will also be posted in command post. The following communication systems will be available during activities at the Site:

- Compressed Air Horn
- Mobile Telephone

8.3 Work Zone Definition

The three general work zones established at the site are the Exclusion Zone, Contamination Reduction Zone and Support Zone. Figure 8.1 provides a site map with the work zones designated on it.

The Exclusion Zone is defined as the active work area where contamination is either known or likely to be present, or, because of activity, will provide a potential to cause harm to personnel. Entry into the Exclusion Zone requires the use of the designated personal protected equipment.

The Contamination Reduction Zone is defined as the area where personnel conduct personal and equipment decontamination. It is essentially a buffer between contaminated areas and clean areas. Activities to be conducted in this zone will require personal protection as defined in the decontamination plan.

The Support Zone is situated in clean areas where the chance to encounter hazardous materials or conditions is minimal. Personal protective equipment is therefore not required.



8.4 Nearest Medical Assistance

Figure 1 provides a map of the route to the nearest medical facility which can provide emergency care for individuals who may experience an injury or exposure on-site. The route to the hospital should be verified by the HSO, and should be familiar to all site personnel.

8.5 Safe Work Practices

Table 8.1 provides a list of standing orders for the Exclusion Zone. Table 8.2 provides a list of standing orders for the Contamination Reduction Zone.

Table 8.1 Standing Orders for Exclusion Zone

- No Smoking, eating, or drinking in this zone.
- No horse play.
- No matches or lighters in this zone.
- Check-in on entrance to this zone.
- Check-out on exit from this zone.
- Implement the communication system.
- Line of sight must be in position.
- Wear the appropriate level of protection as defined in the Safety Plan.
- Persons exiting the exclusion zone will pass through the designated decontamination sequence.
- Persons in this zone will exit immediately upon notification of an emergency by the OSM or HSO.
- Emergency evacuation will be via routes designated by the HSO.

Table 8.2 Standing Orders for Contamination Reduction Zone

- No smoking, eating, or drinking in this zone.
- No horse play.
- No matches or lighters in this zone.
- Wear the appropriate level of protection.



9.0 Decontamination Plan

Section 5.8 lists the tasks and specific levels of protection required for each task. Consistent with the levels of protection required, section 9.1 provides a step by step representation of the personnel decontamination process for either level A, B, or C. These procedures should be modified to suit conditions and protective ensembles in use.

9.1 Standard Operating Procedures

Decontamination involves the orderly controlled removal of contaminants. Standard decontamination sequences are presented in tables 9.1 and 9.2. All site personnel should minimize contact with contaminants in order to minimize the need for extensive decontamination.

Table 9.1 Level C Decontamination Steps

Step 1:	Segregated equipment drop
Step 2:	Boot and glove wash
Step 3:	Boot and glove rinse
Step 4:	Tape removal
Step 5:	Boot and glove removal
Step 6.	Suit removal
Step 7:	Hands and face wash
Step 8:	Redress

Figure 9.2 Level D Decontamination Steps

Step 1:	Remove outer garments (i.e., coveralls)
Step 2:	Remove gloves ,
Stan 3.	Wash hands and face



9.2 Levels of Decontamination Protection Required for Personnel

The levels of protection required for personnel assisting with decontamination will be Level D. The Site Safety Officer is responsible for monitoring decontamination procedures and determining their effectiveness.

9.3 Equipment Decontamination

Sampling equipment will be decontaminated in accordance with procedures as defined in the work plan, this page. The sequence of steps required for decontaminating heavy machinery and vehicles can be found in Section 9.3.

9.3.1 Procedure for Decontaminating Heavy Machinery and Vehicles

Heavy machinery/vehicle is to be placed in the wash-down area. The wash-down area will be equipped with a sump to capture and contain all run-off contaminants. Upon completion of pressure wash or steam cleaning, the heavy machinery/vehicle will be removed from the wash down area.

9.4 Disposition of Decontamination Wastes

All equipment and solvents used for decontamination shall be decontaminated or disposed of properly. The wash-down area will be periodically cleaned to remove all sediment build-up. This sediment will be disposed by placing it with the contaminated soil that is being shipped off site. All liquid run-offs collected from decontamination points will be collected then stored in storage tanks until it is treated. Commercial laundries or cleaning establishments that decontaminate protective clothing or equipment shall be informed of the potentially harmful effects of exposures.

9.5 Dust and Particulate Emission Controls

To keep airborne dust and particulate emissions under control, water will be sprayed to moisten the ground surface.



10.0 Emergency Response/Contingency Plan

This section describes contingencies and emergency planning procedures to be implemented at the Site. This plan is compatible with local, state and federal disaster and emergency management plans as appropriate.

10.1 Pre-Emergency Planning

During the site briefings held periodically/daily, all employees will be trained in and reminded of provisions of the emergency response plan, communication systems, and evacuation routes. Table 10.1 identifies the hazardous conditions associated with specific site activities. The plan will be reviewed and revised if necessary, on a regular basis by the HSO. This will ensure that the plan is adequate and consistent with prevailing site conditions.

Table 10.1
Emergency Recognition/Control Measures

Hazard	Prevention/Control	Location
Fire/Explosion	Fire Extinguisher Alarm System Fire Inspection	·
Spill	Berms/Dikes Sorbent Material Foams	
Air Release	Water Spray Foam Alarm System Evacuation Routes	

10.2 Personnel Roles and Lines of Authority

The On-Site Manager has primary responsibility for responding to and correcting emergency situations. This includes taking appropriate measures to ensure the safety of site personnel and the public. Possible actions may involve evacuation of personnel from the site area, and evacuating adjacent residents. He/she is additionally responsible for ensuring that corrective measures have been implemented, appropriate authorities notified, and follow-up reports completed. The HSO may be called upon to act on behalf of the site supervisor, and will direct responses to any medical emergency. The individual contractor organizations are responsible for assisting the project manager in his/her mission within the parameters of their scope of work.

10.3 Emergency Recognition/Prevention

Table 3.1 provides a listing of chemical and physical hazards onsite. Additional hazards as a direct result of site activities are listed in Table 10.1 as are prevention and control techniques/mechanisms. Personnel will be familiar with techniques of hazard recognition from reassignment training an site specific briefings. The HSO is responsible for ensuring the prevention devices or equipment is available to personnel.

10.4 Evacuation Routes/Procedures

In the event of an emergency which necessitates an evacuation of the site, the following alarm procedures will be implemented:

- Evacuation alarm notification should be made using three short blasts on the air horn. All personnel should evacuate upwind of any activities. Insure that a predetermined location is identified off-site in case of an emergency, so that all personnel can be accounted for.
- Personnel will be expected to precede to the closest exit with your buddy, and mobilize to the safe distance area associated with the evacuation route. Personnel will remain at that area until the reentry alarm is sounded or an authorized individual provides further instructions.

Figure 10.1 provides a map depicting evacuation routes for the site and immediate area. Also indicated are muster areas and safe distances in the event of a major incident. The nearest medical facility is Southern Hills Medical Center at 391 Wallace Road (Figure 1).



10.5 Emergency Contact/Notification System

The following list provides names and telephone numbers for emergency contact personnel. In the event of a medical emergency, personnel will take direction from the HSO and notify the appropriate emergency organization. In the event of a fire or spill, the site supervisor will notify the appropriate local, state and federal agencies.

Organization	Contact	Telephone
Ambulance		911
Police		862-7400
Fire		327-1300
Hospital	Southern Hills Medical Center	781-4600
Poison Control Center		322-6435
Regional EPA		(404) 347-4727
General Emergency		911
Tennessee Occupational Medicine (non-emergency)	·	321-4800
Utility One Call		366-1987
Tennessee Emergency Response Center		741-0001
State Authority		741-7391
National Response Center		(800) 424-8802
Center for Disease Control		(404) 488-4100
Chemtrec		(800) 424-9555 or 724-9300
Signal Environmental Services, Inc.		(615) 265-9551

10.6 Emergency Medical Treatment Procedures

Any person who becomes ill or injured in the exclusion zone must be decontaminated to the maximum extent possible. If the injury or illness is minor, full decontamination should be completed and first aid administered prior to transport. If the patient's condition is serious, at least partial decontamination should be completed (i.e., complete disrobing of the victim and redressing in clean coveralls or wrapping in blanket). First aid should be administered while awaiting an ambulance or paramedics. All injuries and illnesses must immediately be reported to the project manager.

Any person being transported to a clinic or hospital for treatment should take with them information on the chemical(s) they have been exposed to at the site. This information is included in Table 3.1.

Any vehicle used to transport contaminated personnel will be treated and cleaned as necessary.

10.7 Fire or Explosion

In the event of a fire or explosion, the local fire department should be summoned immediately. Upon their arrival, the project manager or designated alternate will advise the fire commander of the location, nature and identification of the hazardous materials onsite.

If it is safe to do so, site personnel may:

- use fire fighting equipment available onsite to control or extinguish the fire; and,
- Remove or isolate flammable or other hazardous materials onsite.

10.8 Spill or Leaks

In the event of a spill or leak, site personnel will:

- Inform their supervisor immediately;
- Locate the source of the spillage and stop the flow if it can be done safely; and,
- Begin containment and recovery of the spilled materials.



10.9 Emergency Equipment/Facilities

Figure 2 provides a map of the site and identifies the location of the following emergency equipment:

- First aid kit
- Fire extinguisher (moved as work progresses)
- Site telephone
- Stretcher
- Eye wash (moved as work progresses)
- Emergency shower
- Real time air equipment

11.0 Confined Space Entry Procedures

A confined space provides the potential for unusually high concentrations of contaminants, explosive atmospheres, limited visibility, and restricted movement. This section will establish requirements for safe entry into, continued work in, and safe exit from confined spaces. All confined space work will be in full compliance with OSHA Standard 29 CFR 1910.146, "Permit Required Confined Spaces". Additional information regarding confined space entry can be found in 29 CFR 1926.21, 29 CFR 1910 and NIOSH 80-106.

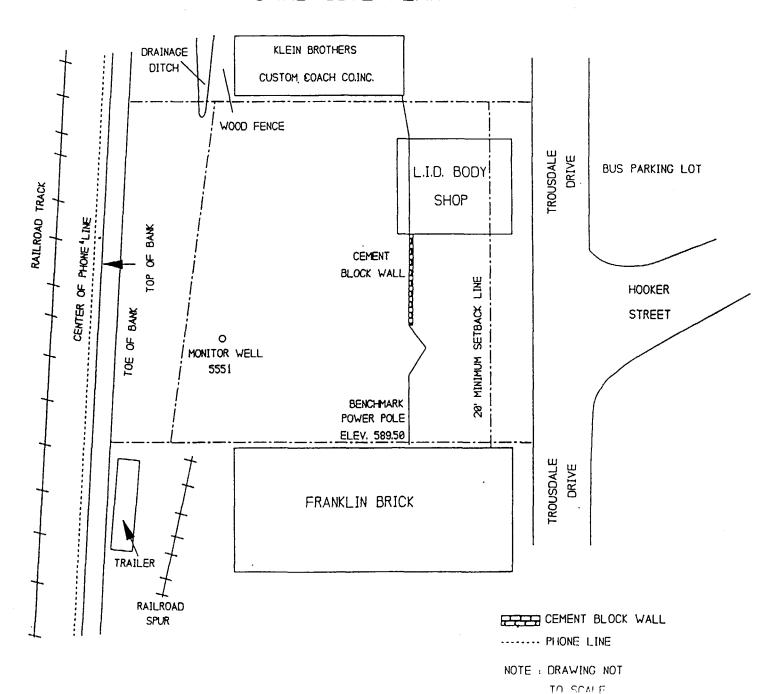
11.1 Definitions

- Confined Space: A space or work area not designed or intended for normal human occupancy, having limited means of egress and poor natural ventilation; and/or any structure, including buildings or rooms, which means of egress.
- Confined Space Entry Permit (CSEP): A document to be initiated by the supervisor of personnel who are to enter into or work in a confined space. The Confined Space Entry Permit (CSEP) will be completed by the personnel involved in the entry and approved by the HSO before personnel will be permitted to enter the confined space. The CSEP shall be valid only for the performance of the work identified and for the location and time specified. The beginning of a new shift with change of personnel will require the issuance of a new CSEP.
- Confined Space Observer: An individual assigned to monitor the activities of personnel working within a confined space. The confined space observer monitors and provides external



T

FIGURE 2 SAAD SITE PLAN



4

assistance to those inside the confined space. The confined space observer summons rescue personnel in the event of emergency and assists the rescue team.

11.2 General Provisions

- When possible, confined spaces should be identified with a posted sign which reads: Caution -Confined Space.
- Only personnel trained and knowledgeable of the requirements of these Confined Space Entry Procedures will be authorized to enter a confined space or be a confined space observer.
- A Confined Space Entry Permit (CSEP) must be issued prior to the performance of any work within a confined space. The CSEP will become a part of the permanent and official record of the site. During the period of work in the confined space, the CSEP will be posted at the entry portal.
- Natural ventilation shall be provided for the confined space prior to initial entry and for the duration of the CSEP. Forced air ventilation will be used to maintain safe air conditions.
- If flammable liquids may be contained within the confined space, explosion proof equipment will be used. All equipment shall be positively grounded.
- The contents of any confined space shall, where necessary, be removed prior to entry. All sources
 of ignition must be removed prior to entry. Sources of hazardous air contaminants and
 unnecessary energy will be isolated by breaking and blanding lines and by lock-out/tag-out
 procedures.
- Hand tools used in confined spaces shall be in good repair, explosion proof and spark proof, and selected according to intended use. Where possible, pneumatic power tools are to be used.
- Hand-held lights and other illumination utilized in confined spaces shall be equipped with guards to prevent contact with the bulb and must be explosion proof.
- Confined space atmospheres will be tested for hazardous conditions as a part of the CSEP procedure prior to entry.
- If unacceptable atmospheric conditions are found, entry will be postponed until the condition is corrected and verified by re-testing.
- Compressed gas cylinders, except cylinders used for self-contained breathing apparatus, shall not be taken into confined spaces. Gas hoses shall be removed from the space and the supply turned off at the cylinder valve when personnel exit from the confined space.
- If a confined space requires respiratory equipment or where rescue may be difficult, safety belts, body harnesses, and lifelines will be used. The outside observer shall be provided with the same equipment as those working within the confine space.



- A ladder is required in all confined spaces deeper than the employee's shoulders. The ladder shall
 be secured and not removed until all employees have exited the space.
- Only self-contained breathing apparatus or NIOSH approved airline respirators equipped with a 5-minute emergency air supply with conditions determined immediately dangerous to life or health.
- Where air-moving equipment is used to provide ventilation, chemicals shall be removed from the vicinity to prevent introduction into the confined space.
- Vehicles or any other internal combustion engine powered equipment shall not be left running near confined space work or near air-moving equipment being used for confined space ventilation.
- Smoking in confined spaces will be prohibited at all times.
- Any deviation from these Confined Space Entry Procedures requires the prior permission of the On-Scene Coordinator.

11.3 Procedure for Confined Space Entry

The HSO and Entry Team shall:

- Evaluate the job to be done and identify the potential hazards before a job in a confined space is scheduled.
- Ensure that all process piping, mechanical and electrical equipment, etc., have been disconnected, purged, blanked-off or locked and tagged as necessary.
- If possible, ensure removal of any standing fluids that may produce toxic or air displacing gases, vapors, or dust.
- Initiate a Confined Space Entry Permit (CSEP) in concurrence with the project manager or designated alternative.
- Ensure that any hot work (welding, burning, open flames, or spark producing operation) that is to be performed in the confined space has been approved by the project manager and is indicated on the CSEP.
- Ensure that the space is ventilated before starting work in the confined space and for the duration of the time the work is to be performed in the space.
- Ensure that the personnel who'enter the confined space and the confined space observer helper are familiar with the contents and requirements of this instruction.
- Ensure remote atmospheric testing of the confined space prior to employee entry and before validation/revalidation of a CSEP to ensure that Oxygen content is between 19.5% 23.0%; that no concentration of combustible gas is in the space (sampling will be done throughout the



T

confined space and specifically at the lowest point in the space); the absence of other atmospheric contaminants above the action level if the space has toxic, corrosive, or irritant material; and if remote testing is not possible, Level B PPE is required as referenced in III 13.

- Designate whether hot or cold work will be allowed. If all tests in a. through c. in IV 8 are satisfactory, complete the CSEP listing any safety precautions, protective equipment, or other requirements.
- Ensure that a copy of the CSEP is posted at the work site, a copy is filed with the project supervisor, and a copy is furnished to the project manager.

The CSEP shall be considered void if work in the confined space does not start within on hour after the tests in IV 8 are performed or if significant changes within the confined space atmosphere or job scope occurs.

The CSEP posted at the work site shall be removed at the completion of the job or at the end of the shift, whichever is first.

11.4 Confined Space Observer

- While personnel are inside the confined space, a confined space observer will monitor activities and provide external assistance to those in the space.
- The confined space observer shall maintain at least voice contact with all personnel in the confined space. Visual contact is preferred, if possible.
- The observer shall be instructed by his supervisor in the method for contacting rescue personnel in the event of an emergency.
- If irregularities within the space are detected by the observer, personnel within the space will be ordered to exit.
- In the event of an emergency, the observer must NEVER enter the confined space prior to contacting and receiving assistance form a helper. Prior to this time, he should attempt to remove personnel with the lifeline and to perform all other rescue functions from outside the space.
- A helper shall be designated to provide assistance to the confined space observer in case the observer must enter the confined space to retrieve personnel.

12.0 Spill Containment Program

The procedures defined in this section comprise the spill containment program in place for activities at the Site.

- All drums and containers used during the clean-up shall meet the appropriate DOT, OSHA, and EPA regulators for the waste that they contain.
- Where spills, leaks, or raptures may occur, adequate quantities of spill containment equipment (absorbent, pillows, etc.) will be stationed in the immediate area. The spill containment program must be sufficient to contain and isolate the entire volume of hazardous substances being transferred.
- Fire extinguishing equipment meeting 29 CFR 1910 subpart I shall be on hand and ready for use to control fires.

13.0 Hazard Communication

In order to comply with 29 CFR 1910.1200, Hazardous Communication, the following written Hazardous Communication Program has been established. All employees will be briefed on this program, and have a written copy for review.

13.1 Container Labeling

All containers received on site will be inspected to ensure the following:

- All containers will be clearly labeled as to the contents
- The appropriate hazard warnings will be noted
- The names and address of the manufacture will be listed

All secondary containers will be labeled with either an extra copy of the original manufacture's label or with generic labels which have a block for identification and a block for the hazard warning.



13.2 Material Safety Data Sheets (MSDSs)

Copies of MSDSs for all hazardous chemicals known or suspected on site will be maintained in the work area. MSDSs will be available to all employees for review during each workshift.

13.3 Employee Training and Information

Prior to starting work, each employee will attend a health and safety orientation and will receive information and training on the following:

- An overview of the requirements contained in the Hazardous Communication Standard, 29 CFR 1910.1200
- Chemicals present in their workplace operations
- Location and availability of a written hazard program
- Physical and health effects of the hazardous chemicals
- Methods and observation techniques used to determine the presence or release of hazardous chemicals
- How to lessen or prevent exposures to these hazardous chemicals through usage of control/work practices and personal protective Equipment
- Emergency procedures to follow if they are exposed to these chemicals
- How to read labels and review MSDSs to obtain appropriate hazard information
- Location of MSDS file and location of hazardous chemical list

Appendix A

		SHIE SAFERY EOG.	
Project:	Location:	Date:	Sheet
Personnel: Saf		Others:	
Known Hazard	s:		
Weather:			
v cather.			
			h mar
STORE ACTION AND User visitors reto	IFS Indirde inst	eimencaiseo, collos (1015 los eimo)	entsreadings, injuries
TIME		ACTIVITIES	
			-
	,		
	,	,	

Appendix B

KNOWN ON-SITE CHEMICAL COMPOUNDS AND SELECTED CHARACTERISTICS

NOTE:

The compounds or farming of compounds listed below have been identifications samples taken from soil and waters form previous sampling events at the S

Information regarding chemical characteristics included in this list was taken Hawley's Condensed Chemical Dictionary, 11th Edition; Rev. by N.I. Sax and R.L. Lewis All TLV-TVA information was taken from the 1990-1991 Threshold Limit Values for Chemical Physical Agents and Biological Exposure Indices compiled by the Ame Conference of Governmental Industrial Hygienists (ACGIH). All IDLH and exposure syminformation was taken from the National Institute for Occupational Safety and Health (NIC Pocket Guide to Chemical Hazards - 1990.

Ethylbenzene (CAS # 100-41-4)

Properties:

Colorless liquid, aromatic odor, vapor heavier than air, flash point = 59F

Hazards:

Toxic by ingestion skin absorption and inhalation; irritant to skin and

flammable

TLV: 100 ppm IDLH: 2.000 ppm

IDLH: 2,000 ppm Symptoms: Irrita

Irritation of the eyes and mucous membranes; headache, narcosis and eve

coma

Toluene (CAS # 108-88-3)

Properties:

Colorless liquid, aromatic odor, flash point = 40F

Hazards:

Toxic by ingestion, inhalation and absorption; flammable

TLV: 100 ppm IDLH: 2,000 ppm

Symptoms:

Fatigue; weakness; confusion; euphoria; dizziness; headache; dilated pu

lacrimation; nervousness; muscle fatigue; insomnia; paresthesia and derma:

Xylene (CAS # 1-D30-20-7)

Properties:

Clear liquid, flash point = 81-115F

Hazards:

Toxic by ingestion and inhalation, flammable

TLV: 100 ppm IDLH: 1,000 ppm

Symptoms:

Dizziness; excitement; drowsiness; incoordination; staggering gait; irritation

eyes, nose and throat; comeal vacuolization; anorexia; nausea; vomiting

abdominal pain

Tetrachloroethylene (or Perchloroethylene CAS # 127-18-4)

Properties: Colorless liquid, ether-like odor, flash point - none

Hazards: Irritant to eyes and skin; potential carcinogen

TLV: 50ppm IDLH: 500 ppm

Symptoms: Irritation of eyes, nose and throat; flushed face and neck; vertigo; diz

incoordination; headache; somnolence; skin erythema; liver damage

1,1-Dichloroethane (or Ethylene Chloride CAS # 75-34-3)

Properties: Colorless oily liquid, chloroform-like odor, flash point = 56F

Hazards: Toxic by ingestion, inhalation and skin absorption; strong irritant to ey

skin, potential carcinogen; flammable

TLV: 10 ppm IDLH: 4,000 ppm

Symptoms: Central nervous system depression; nausea; vomiting; dermatitis: irrita:

eyes; comeal opacity

1,2-Dichloroethylene (CAS # 540-59-0)

Properties: Colorless liquid, pleasant odor, flash point = 39F

Hazards: Toxic by inhalation, ingestion and skin contact; irritant and narcotic ir

concentrations; flammable

TLV: 200 ppm IDLH: 4,000 ppm

Symptoms: Irritation of eyes and respiratory system; central nervous system depression

1,1,1-Trichloroethane (or Methyl Chloroform CAS # 71-55-6)

Properties: Colorless liquid, flash point - none

Hazards: Irritant to eyes and tissue

TLV: 350 ppm IDLH: 1,000 ppm

Symptoms: Headache; lassitude; central nervous system depression; poor equilibrium

irritation; dermatitis and cardiac arrhythmias

Trichloroethylene (CAS # 79-01-6)

Properties: Colorless liquid, chloroform like odor, flash point - none

Hazards: Toxic by inhalation; potential carcinogen

TLV: 50 ppm IDLH: 1,000 ppm

Symptoms: Headache; vertigo; visual disturbance; tremors: somnolence; nausea; vom

eye irritation; dermatitis; cardiac arrhythmias and paresthesia

Vinyl Chloride (CAS # 75-01-4)

Properties: Compressed gas easily liquified, usually handled as liquid, ether-like odor,

point = -109F

Hazards: Toxic by all routes of exposure; a carcinogen; highly flammable

TLV: 5 ppm

IDLH: none available

Symptoms: Weakness; abdominal pain; gastrointestinal bleeding; hepatomegaly; pall

cyanosis of extremities

Phenol (CAS # 108-95-2)

Properties: White crystalline mass when not in solution, typically used in solution, disti-

odor, flash point = 172F

Hazards: Toxic by ingestion inhalation and skin absorption; strong irritant to tissue

TLV: 5ppm DLH: 250 PPM

Symptoms: Irritation of eyes, nose and throat; anorexia; weight loss; muscle aches and t

dark urine; tremors; convulsions; twitching; dermatitis; ochronosis

Naphthalene (CAS # 91-20-3)

Properties: White crystalline flakes, strong coal/tar odor, flash point = 176F

Hazards: Toxic by inhalation

TLV: 10 ppm IDLH: 500 ppm

Symptoms: Eye irritation; headache; confusion; excitement; malaise; nausea; vomi

abdominal pain; irritation of the bladder; profuse sweating; jaun

hemoglobinuria; renal shutdown and dermatitis

Phenanthrene (CAS # 85-01-8)

Properties: Colorless shining crystals when not in solution

Hazards: A potential carcinogen; combustible

TLV: none available IDLH: none available

Fluoranthene (CAS # 206-44-0)

Properties: Colored needles when not in solution

TLV: none available IDLH: none available

Petroleum Hydrocarbons (diesel fuel, motor oil, etc.)

Properties: Viscous liquid (depending on grade), unpleasant odor Hazards: Toxic by ingestion; local skin irritant; moderate fire risk

TLV: none available IDLH: none available

Lead (asPb) (CAS # 7439-92-1), as noted per NIOSH, Pocket Guide to Chemical Hazards, 1990" OSHA considers "Lead" to mean metallic Pb, all inorganic Pb compounds (Pb oxides Pb salts) and a class of organic Pb compounds called soaps. All other organic Pb compoure excluded from this definition". No "lead dust" is anticipated at the site.

Properties: Metal, a heavy ductile, soft gray solid

TWA: "Dust" - NIOSH 0.100 mg/m³

IDLH: 700 mg/m³

Symptoms: Weakness, lassitude, insomnia, facial pallor, anorexia, weight loss, and

tremors, encephalopathy, nephropathy, hypotension, irritated eyes

PCB 1248: No data per AGGIH (1991), NIOSH Pocket Guide to Chemical Hazard, Org Vapor/Acid Gas/HEPA dust filters will be mandatory

PCB 1242 - Aroclor 1242 (CAS # 53469-21-9)

PCB, polychlorizated biphenyl, chlordiphenyl (42% chlorine)

Properties: Colorless to light colored, vicious liquid with a mild hydrocarbon odor, BP:

691°F, insolerable, vapor pressure: 0.001 mm. Nonflammable liquid, expc to fire results in formation of black foot, containing PCBs, polychloric debenzoturan, and chlorinated dibenzo-p-dioxins. Carcinogenic (NIO

Understudy by ACGIH to Establish Biological Exposure Indices.

Exposure limits: NIOSH - 0.001 mg/m³

TWA OSHA - 1 mg/m³ (skin) IDLH NIOSH - 10.0 mg/m³

Symptoms: Irritated eyes, chloracne, liver damage.

Protection: Class C PPE will be required for all personnel in the work zone.

Appendix C

LIST OF ON-SITE SAFETY EQUIPMENT

Full-Face Respirators (x number of on-site workers)

Organic Vapor/Acid Gas and HEPA Respirator Cartridges (x number of on-site Class D/C protective clothing (disposable clothing i.e., boots, gloves, etc.)

Duct Tape

Steel-Toe Safety Shoes/Boots

First Aid Kit(s)

Eyewash Stations

Safety Glasses (x number of on-site workers)

D.O.T. 17H55 Drums

6 Millimeter Polyethylene Plastic

Hard Hats

Air Horn

Mobile Telephones

Fire Extinguishers (all heavy equipment, one on-site, one at command post)

Water Cooler(s) and Drinking Cups/Electrolite solution>

Photoinization Detector

Explosimeter/Oxygen Meter

Brushes - As required for decontamination - various sizes

LIST OF ON-SITE SAFETY EQUIPMENT (Co

Detergent - As required for decontamination

Water Source (hose(s) or tank, if necessary): Water from existing utilities will be use as wash and portable waters

Chemical Exposure Contingency Reference(s) - D.O.T./NIOSH/ACGIH Handbook
Self Contained Breathing Apparatus - with spare cylinder

Spark Free Tools (1 set)

Appendix D

Appendix A
Filter Lenses for Protection Against Radiant Energy

Operations .	Electric Size 1/32 Inch	Arc Current	Minimum Protective Shade
Shielded metal are welding	Less than 3 3 - 5 5 - 8 More than 8	Less than 60 60 - 160 160 - 250 250 - 550	7 8 10 11
Gas metal are welding and flux cored are welding	N/A	Less than 60 60 - 160 160 - 250 250 - 500	7 10 10 10
Gas Tungsten are welding	N/A	Less than 50 50 - 150 150 - 500	8 8 10
Air carbon Arc cutting	(Light) (Heavy)	Less than 500 500 - 1000	10 11
Plasma are welding	N/A	Less than 20 20 - 100 100 - 400 400 - 800	6 8 10 11
Plasma are cutting	(Light)** (Medium)** (Heavy)**	Less than 300 300 - 400 400 - 800	8 9 10
Torch brazing Torch soldering Carbon arc welding	N/A	N/A	3 2 14
Gas Welding: Light Medium Heavy	Under 1/8 1/8 to 1/2 Over 1/2	Under 3.2 3.2 to 12.7 Over 12.7	4 5 6
Oxygen Cutting: Light Medium Heavy	Under 1 1 to 6 Over 6	Under 25 25 to 150 Over 150	3 4 5

^{*} As a rule of thumb, start with a shade that is too dark to see the weld zone. Then go to a lighter shade giving sufficient v: of the weld zone without going below the minimum. In oxyfuel gas welding or cutting where the torch produces a high yell-light, it is desirable to use a filter lens that absorbed the yellow or sodium line in the (spectrum) operation.

^{**} These values apply where the actual are is clearly seen. Experience has shown that lighter filters may be used when are is hidden by the workpiece.



Appendix B Eye and Face Protection Selection Chart

Source	Assessment of Hazard	Protection
IMPACT - Chipping, grinding, masonry work, woodworking, sawing, drilling, chiseling, powered fastening, riveting and sanding	Flying fragments, objects, large chips, particles of sand, dirt, etc.	Spectacles with side protection, goggles, face shields. See notes (1), (3), (5), (6), (10). For severe exposure, use faceshield.
HEAT - Furnace operations, pouring, casting, hot dipping and welding	Hot sparks	Faceshields, goggles, spectacles with side protection. For severe exposure use face shield. See notes (1), (2), (3).
	Splash from molten metals	Faceshields worn over goggles. See notes (1), (2), (3).
	High temperature exposure	Screen face shields, reflective face shields. See notes (1), (2), (3).
CHEMICALS - Acid and chemicals handling, degreasing and plating	Splash	Goggles, eyecup and cover types. For sever exposure, use face shield. See notes (3), (11).
	Irritant mists	Special-purpose goggles.
DUST - Woodworking, buffing, general dusty conditions	Nuisance dust	Goggles, eyecup and cover types. See note (8).
LIGHT and/or RADIATION - Welding: Electric arc	Optical radiation	Welding helmets or welding shields. Typical shades: 10 - 14. See notes (9), (12).
Welding: Gas arc	Optical radiation	Welding goggles or welding face shields. Typical shades: gas welding 4-8, cutting 3-6, brazing 3-4. See note (9).
Cutting, Torch brazing, Torch soldering	Optical radiation	Spectacles or welding face-shield. Typical shades: 1.5 - 3. See notes (3), (9).
Glare	Poor vision	Spectacles with shaded or special-purpose lenses, as suitable. See notes (9), (10).

Notes to Eye and Face Protection Selection Chart:

- (1) Care should be taken to recognize the possibility of multiple and simultaneous exposure to variety of hazards. Adequate protection against the highest level of each of the hazards should be provided. Protective devices do not provide unlimited protection.
- (2) Operations involving heat may also involve light radiation. As required by the standar protection from both hazards must be provided.
- (3) Faceshields should be worn over primary eye protection (spectacles or goggles).
- (4) As required by the standard, filter lenses must meet the requirements for shade designations §1910.133(a)(5). Tinted and shaded lenses are *not* filter lenses unless they are marked identified as such.
- (5) As required by the standard, persons whose vision requires the use of prescription lenses me wear either protective devices fitted with prescription lenses or protective devices designed be worn over the regular prescription eyewear.
- (6) Wearers of contact lenses must also wear appropriate eye and face protection devices in hazardous environment. It should be recognized that dusty and/or chemical environments me present an additional hazard to contact lens wearers.
- (7) Caution should be exercised in the use of metal frame protection devices in electrical haza areas.
- (8) Atmospheric conditions and the restricted ventilation of the protector can cause lenses to for Frequent cleansing may be necessary.
- (9) Welding helmets or faceshields should be used only over primary eye protection (spectacles goggles).
- (10) Non-sideshielded spectacles are available for frontal protection only, but are not acceptable e protection for the sources and operations listed for "impact."
- (11) Ventilation should be adequate, but well protected from splash entry. Eye and face protects should be designed and used so that it provides both adequate ventilation and protects: wearer from splash entry.
- (12) Protection from light radiation is directly related to filter lens density. See note (4). Select to darkest shade that allows task performance.

1242

Appendix D SCBA Monthly Inspection Checklist

Backpack Number	: Air Cylinde	r Number:
Inspected by:		Date://
BACKPACK AND H	IARNESS ASSEMBLY	Satisfactory (S) or Action(s) Required
Straps	 Inspect for complete set Inspect for damaged straps 	
Buckles	 Inspect for mating ends Check locking function 	·
Backplate and cylinder lock	 Inspect Backplate for cracks, missing screws/rivets Inspect cylinder hold down strap Inspect strap tightener 	
CYLINDER AND C	YLINDER VALVE ASSEMBLY	Satisfactory (S) or Action(s) Required
Cylinder	 Cylinder tight to Backplate Current hydrostatic test Inspect cylinder for dents/gouges 	
Head and Valve Assembly	 Inspect cylinder valve lock Inspect cylinder gauge for condition Proper function or cylinder valve lock Test for cylinder valve leakage 	
REGULATOR HIGH	PRESSURE HOSE	Satisfactory (S) or Action(s) Required
High Pressure Hose and Connector	Leakage in hose Leakage in hose to cylinder connector	
Regulator and Low Pressure Alarm	 Read regulator gauge (at least 1500 psi) Low pressure alarm sounds at 500-650 psi Test integrity of diaphragm Test for positive pressure Test by-pass system 	

FACEPIECE AND C	ORRUGATED BREATHING TUBE	Satisfactory (S) or Action(s) Required
Facepiece	 Inspect harness for deterioration Inspect facepiece body for deterioration Inspect lens Inspect Exhalation Valve 	
Breathing Tube and Connector	 Inspect breathing tube for deterioration Inspect connector threads and gaskets 	
Leak Test and Cleaning	Perform negative pressure test on facepiece/breathing tube Clean and sanitize facepiece	

.

APPENDIX 3

SAMPLING WORK PLAN for SAAD SITE NASHVILLE, TENNESSEE



Prepared by
Signal Environmental Services, Inc.
Chattanooga, Tennessee

October 1994

Table of Contents

1.0 Background	1
2.0 Soil Sampling	1
3.0 Composite/Split Sample Handling	l
4.0 Sample Locations/Volume	1
4.1 Site Characterization	2
4.2 Excavated Soil Samples	2
4.3 Decon Water Sampling	2
4.4 Final Site Soil Sampling	2
4.5 Soil Volume	2
4.6 Quality Assurance Sampling	3
4.6.1 Special Sampling Considerations	3
4.6.2 Cleaning Procedures for Sampling Equipment	3
5.0 Sample Labeling	4
6.0 Chain of Custody/Custody Seals	4
7.0 Sample Preservation/Shipment	5
8.0 Parameters and Methodologies	5

Tables

Table 1 - Parameters and Laboratory Analyses

Appendices

Appendix 1 - Sample Label/Custody Seals

1.0 Background

The objective of this Sampling and Analysis Plan is to provide in written form the sampling and analysis protocols to be used at the Saad Site in Nashville, Tennessee. This plan is modeled after the Environmental Protection Agency's Environmental Compliance Branch Standard Operating Procedures (SOP) and Quality Assurance (QA) Manual. This plan is excerpted from EPA's manual for the specific applications at the Saad Site.

2.0 Soil Sampling

Soil sampling will be conducted using stainless steel augers or stainless steel spoons. Augers or sampling spoons will be advanced so that samples will be collected at the 6-12" interval. Each sample will be uniquely identified (see sample labeling section) and placed in a glass container with a teflon-lined lid. Sampling procedures used, location of samples, sample identification numbers used, and other pertinent data will be recorded permanently in bound, weaterproof field notebooks. The data recorded in the field notebooks will be written in fine point permanent ink. The field book will contain the investigator's name, project name, and other pertinent daily project information.

3.0 Composite/Split Sample Handling

Compositing of soil samples will not be done in the field but will be performed by the laboratory immediately before analysis.

In the event that split sampling will be done in the field the following method will be used. The soil to be split will be placed in a shallow stainless steel container. The soil in the pan will be split into quarters using a stainless steel sampler. Each quarter will be mixed separately, then all the quarters are mixed together. This procedure is then repeated several times until the sample is adequately mixed. Samples that might be collected for purgeable organics will not be mixed.

4.0 Sample Locations/Volume

Five different types of samples will be collected: (1) soil samples for site characterization, (2) excavated soil samples, (3) decon water samples, (4) final soil sampling, and (5) sampling for quality assurance.



Signal Environmental Services, Inc.

4.1 Site Characterization

Characterization of site soils will be necessary at the beginning of the project to prepare waste profile data for the offsite disposal of the excavated soil. Soil samples will be collected to prepare the necessary waste profiles. To the extent possible existing soil data from previous site work will be used to characaterize the site soil.

4.2 Excavated Soil Samples

Every 15 cubic yards of soil that is excavated will have two (2) four-ounce samples collected from it. As 15 cubic yards of soil is removed and placed in a temporary pile it will be sampled on each side from a depth of 6-12". Each stockpile of 105 cubic yards will have 14 samples. Seven of the samples will be composited into one sample for analysis. The remaining seven samples will be archived at the laboratory for 90 days for possible future analysis.

4.3 Decon Water Sampling

Decon water will be contained on site until completion of the site work. Prior to disposal a water sample will be collected in order to prepare a waste profile. Parameters for analysis of this sample will be based on the results of the soil analyses.

4.4 Final Site Soil Sampling

Soil samples will be collected on each of the pit walls to determine the characteristics of the soil that remained in the ground. Two samples from each of the four side walls (north, south, east, and west) will be collected. One sample will be taken at an 18" depth from the surface and the second sample will be taken at the bottom of the excavation. These eight samples will be sent to the laboratory to be composited for four analyses (one composite analysis per wall).

4.5 Soil Volume

Soil samples will be collected in four-ounce glass sample containers with Teflon coated lids. However, no less than 16 ounces of soil will be submitted for a single analysis. Actual analysis requires a minimum of 300 grams.



4.6 Quality Assurance Sampling

Data quality objectives are of the highest level (level IV) as described in the EPA SOP and QA Manual. As such, all sampling will be documented in the field log book. Data entries will be legible and include all appropriate documentation as described elsewhere. All field sampling will be documented in the field book and have an associated chain of custody. Every tenth sample will have a duplicate sample collected and submitted for analysis. The sample ID number will be the same as the original sample with the addition of the letters "DUP" to the end of the ID label.

If volatile organics or metals are checked in the soil samples or water sample, a soil and/or water VOA trip blank and an inorganic water trip blank will be submitted for analysis. Trip blanks will be prepared by Analytical Industrial Research Laboratory. These trip blanks will be carried into the field and handled along with the other samples and submitted for analysis. Trip blanks will help determine if sampling procedures potentially introduced contaminants into samples. At least one of each type of trip blank will be prepared and submitted.

An equipment blank will be prepared to determine the suitability of equipment cleaning. Deionized water will be run over cleaned equipment and the rinseate collected in a sample bottle preserved with HNO₃. The rinseate will then be analyzed for metals to determine the suitability of the equipment cleaning.

4.6.1 Special Sampling Considerations

Collection of soil samples for VOA analysis will minimize disturbance of the sample. Samples will be placed directly from the sampling equipment into containers with *no head space*. No VOA samples will be mixed. All other soil samples will be mixed in the laboratory prior to analysis.

4.6.2 Cleaning Procedures for Sampling Equipment

All sampling equipment will be stainless steel augers or spoons. Cleaning of this equipment will be performed as follows:

- (1) Wash equipment thoroughly with Alconox (or similar laboratory equipment) and hot water, using a brush to remove any particulate matter or surface film.
- (2) Rinse equipment thoroughly with hot tap water.



- (3) Rinse equipment thoroughly with deionized water.
- (4) Rinse equipment twice with solvent and allow to air dry for at least 24 hours.
- (5) Wrap equipment in one layer of aluminum foil. Roll edges of foil into a "tab" to allow for easy removal. Seal the foil-wrapped equipment in plastic and date.
- (6) Rinse the stainless steel or metal sampling equipment thoroughly with tap water in the field as soon as possible after use.

5.0 Sample Labeling

A sample of the type of label to be used on sample containers is in Appendix 1. Labels will be prepared with waterproof permanent ink. Time of collection, sampler signature, project name, sample ID number, date, type of sample (soil or water), preservative (if any), and parameters requested will be written on the label. The attached sample label is filled in as it would be for a typical soil sample.

Samples will be identified with a unique numbering system. A typical soil sample number would look like this:

DEM10/10S1ADUP

Where:

- "DEM" is the Project Code
- "10/10" is the date (month and day) of sample
- "S" or "W" indicates either a soil or water sample
- "1", "2", etc. is the sample number
- The letters "A", "B", "C", etc. designate stockpile or other soil location
- "DUP" indicates that the sample is a duplicate

6.0 Chain of Custody/Custody Seals

A chain of custody will be prepared for all samples submitted to the laboratory for analysis. A sample chain of custody is included in Appendix 1.

Custody seals will be placed on each sample jar and/or shipping container. The labels will be prepared using permanent ink. A sample custody seal is provided in Appendix 1. The custody seals will be returned to Signal from the laboratory and kept with the permanent record. Copies of the seals will be submitted along with the results of the soil sampling for the final report.

7.0 Sample Preservation/Shipment

Collected soil samples (contained in glass jars with Teflon-coated lids) will be placed in ziplock bags. The plastic bags containing samples will be placed in an ice chest for shipment to the laboratory for analysis. The samples will be preserved using ice or ice packs. Shipment to the laboratory will be by Federal Express or local bus service. In certain cases samples will be transported by Signal personnel directly to the laboratory.

8.0 Parameters and Methodologies

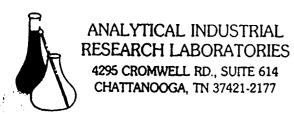
Analytical work will be performed by Analytical Industrial Research Laboratory in Chattanooga, Tennessee. Copies of the QA/QC procedures for the laboratory are on file at the Signal office, and are available for inspection upon request.

The parameters shown in Table 1 will be analyzed for using the methodologies shown in the same table.

C:\WPWIN60\FILES\DEM1SAMP.PLN

Appendix 1

Sample Labeling and Custody Seals



Report To:	Invoice To:

			Cha	ain	01	C	119	st	00	lv	F	ec lec	- :ore	- 1		Pag	e	
PROJECT SITE	·· ·· · · · · · · · · · · · · · · · ·	PO#		\top		7	7		ALYS									
SITE NAME				CONTAINERS		/ /	/ /	/ /	/ /	/ /	/	/ /	DAT	E REPO	ORT DUE		e e e e e e e e e e e e e e e e e e e	<u> </u>
COLLECTED BY	(Signature	·		9F.C0	/								VER	BAL/FA	XHARDCOPY			
FIELD SAMPLE ID	RUSH FACTOR		E DATE/ TIME	NO.	V_{λ}	/ /	/_/	/	/ /	/				REMA	NRKS		LAB ID N	
				ļ			\dashv	_	_	_	_							
	ļ			ļ	-	_	\dashv		_	_							in Colors	
				 	-	_	_	_		_	_		· · · · · · ·					
· ————————————————————————————————————				-	-	_	\dashv	_		\dashv				 .			200 mg 100 mg	
	ļ	<u> </u>		ļ	-	_	-	-							•			in the
	 			-		+	+											
	-					-+		\dashv										1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1
REMARKS	<u></u>			1	لــــــــــــــــــــــــــــــــــــــ							RELI	NQUIS	HED BY	':	Ciliaidh	DATE	TIME
RECEIVED BY:	DATE	TIME RE	LINQUISHED E	BY:	DATE	TI	ME	RE	CEN	/ED	BY:	:	DATE	TIME	RELINQUISHE	DBY:	DATE	TIME

LAB USE ONLY

RECEIVED FOR LAB BY: DATE TIME	AIRBILL NO. OPENED BY: DA	TE TIME TEMP C SEAL#	CONDITION;
REWARKS			

SIGNAL ENVIRONMENTAL	Sample # DEM10/10SIA Date 10/B/49	Seal Broken By:
SERVICES, INC.	Signature Milal R Marthus	• •
900 Manufacturers, P.O. Box 4270	Print Name and Title MICHAEL MATTHEWS	Date
Chattanagaa TN 27405	1/0. 541/14/6001416	

NO

-0.5

NO

(37

APPENDIX 4

ANALYTICAL INDUSTRIAL RESEARCH LABORATORY

4295 Cromwell Road, Suite 614

Chattanooga, Tennessee 37421-2177 (615) 894-8102

2 4

LAB. NO.:941028-17431

CUSTOMER:

1237

SIGNAL ENVIRONMENTAL SERVICES

P.O. BOX 4270

CHATTANOOGA, TN 37405

DATE RECD. : 10/28/94

SAMPLE DATE: 10/27/94

ATTENTION: MICHAEL MATTHEWS

(615) 265-9551 FAX:

DATE REQUESTED :

CUST P.O.:

SAMPLE :SAAD - DEM-1

SAAD NASHVILLE

ASAP

:SAMPLE A & B

ANALYSIS

M.D.L. Methods Date Initial

TCLP TOXICITY CHARACTERISTIC CONSTITUENTS

W/O HERB & PEST

рН

(SEE ATTACHED)

8.9 pH Units

N/A

150.1 10-31-94 JJ/PG

Flash Point >200 N/A

1010 11-Ø8-94 TB

PCB's <1 ppm 1

11-Ø8-94 MW 8Ø8Ø

TOTAL PETROLEUM HYDROCARBONS

DRO GRO

mg/Kg <1.0 mg/Kg 1.Ø 1.Ø DRO

GRO

11-08-94 LG

11-08-94 LG

Soil Pad #1

Notes:

We hereby certify that the analytical procedures employed are those approved by the Environmental Protection Agency or other applicable methods for these analyses.

ANALYTICAL INDUSTRIAL RESEARCH LABORATORIES

ANALYTICAL INDUSTRIAL RESEARCH LABORATORIES, INC. 4295 CROMWELL RD., STE 611 CHATTANOOGA, TN 37421-2177

AIRL SAMPLE I.D. 17431 TCLP METHOD 1311
SIGNAL ENVIRONMENTAL SERVICES SAMPLE DATE: 10/27/94

SAMPLE: SAAD SAMPLE A&B

EPA HW NUMBER	CONSTITUENT	REGULATORY LEVEL(mg/L)		RESULT (mg/L)	DATE ANALYZED	METHOD (SW-846)
TCLP VOLATI	LES (ZHS)					
D018	BENZENE	0.5	0.1	ND	11/08/94	8240
D019	CARBON TETRACHLORIDE	0.5	0.1	ND	11/08/94	8240
D021	CHLOROBENZENE	100.	10.	ND	11/08/94	8240
D022	CHLOROFORM	6.0	1.0	ND	11/08/94	8240
D027	1,4-DICHLOROBENZENE	7.5	1.0	ND	11/08/94	8240
D028	1,2-DICHLOROETHANE	0.5	0.1	ND	11/08/94	8240
D029	1,1-DICHLOROETHYLENE	0.7	0.1	ND	11/08/94	8240
D035	METHYL ETHYL KETONE	200.	20	ND	11/08/94	8240
D039	TETRACHLOROETHYLENE	0.7	0.1	ND	11/08/94	8240
D040	TRICHLOROETHYLENE	0.5	0.1	ND	11/08/94	8240
D043	VINYL CHLORIDE	0.2	0.1	ND	11/08/94	8240
TCLP SEMIVO	LATILES	_				
TCLP ACID	S					
D023	o-CRESOL	200	1.0	ND	11/03/94	8270
D024	m-CRESOL	200	1.0	ND	11/03/94	8270
D025	p-CRESOL	200	1.0	ND	11/03/94	8270
D026	CRESOLS (TOTAL)	200	1.0	ND	11/03/94	8270
D037	PENTACHLOROPHENOL	100	1.0	ND	11/03/94	8270
D041	2,4,5-TRICHLOROPHENOL	400	1.0	ND	11/03/94	8270
D042	2,4,6-TRICHLOROPHENOL	2.0	1.0	ND	11/03/94	8270
TCLP BASE	/NEUTRALS					
D030	2,4-DINITROTOLUENE	0.13	0.05	ND	11/03/94	8270
D032	HEXACHLOROBENZENE	0.13	0.05	ND	11/03/94	8270
D033	HEXACHLORO-1,3-BUTADIENE	0.5	0.1	ND	11/03/94	8270
D034	HEXACHLOROETHANE	3.0	0.5	ND	11/03/94	8270
D036	NITROBENZENE	2.0	1.0	ND	11/03/94	8270
D038	PYRIDINE	5.0	2.5	ND	11/03/94	8270
TCLP METALS	_	_				
D004	ARSENIC	5.0	0.5	ND	11/02/94	6010
D005	BARIUM	100	5.0	ND	11/02/94	6010
D006	CADMIUM	1.0	0.1	ND	11/02/94	6010
D007	CHROMIUM	5.0	0.5	ND	11/02/94	6010
D008	LEAD	5.0	0.5	ND	11/02/94	6010
D009	MERCURY	0.2	0.01	ND	11/02/94	7470
D010	SELENIUM	1.0	0.1	ND	11/02/94	6010
D011	SILVER	5.0	0.5	ND	11/02/94	6010

Performed in accordance with 40 CFR 261(06/29/90)

ANALYTICAL INDUSTRIAL RESEARCH LABORATORY

4295 Cromwell Road, Suite 614 Chattanooga, Tennessee 37421-2177 2 4 1258 (615) 894-8102

LAB. NO.:941104-17762

CUSTOMER: 1237

SIGNAL ENVIRONMENTAL SERVICES

P.O. BOX 4270

CHATTANOOGA, TN 37405

DATE RECD.: 11/04/94 SAMPLE DATE: 11/03/94

ATTENTION: MICHAEL MATTHEWS

(615) 265-9551 FAX:

DATE REQUESTED: CUST P.O.: DEM-1

SAMPLE

:SAAD NASHVILLE

SAAD SITE

:7 SOILS TO COMPOSITE

ASAP

TCLP TOXICITY CHARACTERISTIC CONSTITUENTS:

SEE ATTACHED

Notes:

ANALYTICAL INDUSTRIAL RESEARCH LABORATORIES

By

ANALYTICAL INDUSTRIAL RESEARCH LABORATORIES, INC. 4295 CROMWELL RD., STE 611 CHATTANOOGA, TN 37421-2177

AIRL SAMPLE I.D. 17762
SIGNAL ENVIRONMENTAL SERVICES

TCLP METHOD 1311 SAMPLE DATE: 11/03/94

SAMPLE: SOIL COMPOSITE

EPA HW NUMBER	CONSTITUENT	REQULATORY LEVEL(mg/L)	MDL (mg/L)	RESULT (mg/L)	DATE ANALYZED	METHOD (SW-846)
TCLP VOLATI	LES (ZHS)					
D018	BENZENE	0.5	0.1	ND	11/09/94	8240
D019	CARBON TETRACHLORIDE	0.5	0.1	ND	11/09/94	8240
D021	CHLOROBENZENE	100.	10.	ND	11/09/94	8240
D022	CHLOROFORM	6.0	1.0	ND	11/09/94	8240
D027	1,4-DICHLOROBENZENE	7.5	1.0	ND	11/09/94	8240
D028	1,2-DICHLOROETHANE	0.5	0.1	ND	11/09/94	8240
D029	1,1-DICHLOROETHYLENE	0.7	0.1	ND	11/09/94	8240
D035	METHYL ETHYL KETONE	200.	20	ND	11/09/94	8240
D039	TETRACHLOROETHYLENE	0.7	0.1	ND	11/09/94	8240
D040	TRICHLOROETHYLENE	0.5	0.1	ND	11/09/94	8240
D043	VINYL CHLORIDE	0.2	0.1	ND	11/09/94	8240
TCLP SEMIVO	DLATILES					
TOLP ACID	os					
D023	o-CRESOL	200	1.0	ND	11/09/94	8270
D024	m-CRESOL	200	1.0	ND	11/09/94	8270
D025	p-CRESOL	200	1.0	ИD	11/09/94	8270
D026	CRESOLS (TOTAL)	200	1.0	ND	11/09/94	8270
D037	PENTACHLOROPHENOL	100	1.0	ND	11/09/94	8270
D041	2,4,5-TRICHLOROPHENOL	400	1.0	ND	11/09/94	8270
D042	2,4,6-TRICHLOROPHENOL	2.0	1.0	ND	11/09/94	8270
TOLD BASE	NEUTRALS					
D030	2.4-DINITROTOLUENE	0.13	0.05	ND	11/09/94	8270
D032	HEXACHLOROBENZENE	0.13	0.05	ND	11/09/94	8270
D033	HEXACHLORO-1,3-BUTADIENE	0.5	0.1	ND	11/09/94	8270
D034	HEXACHLOROETHANE	3.0	0.5	ND	11/09/94	8270
D036	NITROBENZENE	2.0	1.0	ND	11/09/94	8270
D038	PYRIDINE	5.0	2.5	ND	11/09/94	8270
TCLP PESTIC	IDEC					
D020	CHLORDANE	0.03	0.01	ND	11/09/94	8080
D012	ENDRIN	0.03	0.01	ND	11/09/94	8080
D031	HEPTACHLOR	0.008	0.005	ND	11/09/94	8080
DO01	-EPOXIDE	0.008	0.005	ND	11/09/94	8080
D013	LINDANE	0.4	0.1	ND	11/09/94	8080
D014	METHOXYCHLOR	10	1.0	ND	11/09/94	8080
D015	TOXAPHENE	0.5	0.1	ND	11/09/94	8080
TCLP HERBIC	IDES					
D016	2,4·D	10.0	0.5	ND	11/09/94	8150
D017	2,4,5-TP (SILVEX)	1.0	0.5	ND	11/09/94	8150
TOLP METALS	S					
D004	ARSENIC	5.0	0.5	ND	11/09/94	6010
D005	BARIUM	100	5.0	ND	11/09/94	6010
D006	CADMIUM	1.0	0.1	0.118	11/09/94	6010
D007	CHROMIUM	5.0	0.5	ND	11/09/94	6010
D008	LEAD	5.0	0.5	ND	11/09/94	6010
D009	MERCURY	0.2	0.01	ND	11/09/94	7470
D010	SELENIUM	1.0	0.1	ND	11/09/94	6010
D011	SILVER	5.0	0.5	ND	11/09/94	6010

Performed in accordance with 40 CFR 261 (06/29/90)

OPERATIONS

CONSULTATION

ANALYTICAL INDUSTRIAL RESEARCH LABORATORY

4295 Cromwell Road, Suite 614

Chattanooga, Tennessee 37421-2177

(615) 894-8102

LAB. NO.:941118-18533

CUSTOMER:

1237

SIGNAL ENVIRONMENTAL SERVICES

P.O. BOX 4270

CHATTANOOGA, TN 37405

DATE RECD. : 11/04/94

SAMPLE DATE: 11/03/94

ATTENTION: MICHAEL MATTHEWS

(615) 265-9551 FAX:

DATE REQUESTED :

CUST P.O.: DEM-1

SAMPLE : SAAD NASHVILLE SAAD SITE

:7 SOILS TO COMPOSITE

Ref. # 941104-17762 ASAP

 $2 \cdot 4$

ANALYSIS

M.D.L. Methods Date Initial

TCLP TOTAL PETROLEUM HYDROCARBONS DRO 1.6 mg/L

Ø.1 DRO 11-28-94 LG

Notes:

We hereby certify that the analytical procedures employed are those approved by the Environmental Protection Agency or other applicable methods for these analyses.

ANALYTICAL INDUSTRIAL RESEARCH LABORATORIES

ANALYTICAL INDUSTRIAL RESEARCH LABORATORY

4295 Cromwell Road, Suite 614 Chattanooga, Tennessee 37421-2177

(615) 894-8102

LAB. NO.:941118-18503

CUSTOMER:

1237

SIGNAL ENVIRONMENTAL SERVICES

P.O. BOX 4270

CHATTANOOGA, TN 37405

DATE RECD. : 11/18/94

SAMPLE DATE: 11/17/94

ATTENTION: MICHAEL MATTHEWS

(615) 265-9551 FAX:

DATE REQUESTED: 11/21/94

CUST P.O.: DEM-1

SAMPLE :SAAD TROUSDALE SAAD SITE

:7 SOILS TO COMPOSITE

ASAP

ANALYSIS

M.D.L. Methods Date

TCLP TOXICITY CHARACTERISTIC CONSTITUENTS: (SEE ATTACHED)

TCLP TOTAL PETROLEUM HYDROCARBONS

DRO mq/L 0.1

DRO 11-21-94 LG



Notes: TENNESSEE NON REGULATED SOIL

We hereby certify that the analytical procedures employed are those approved by the Environmental Protection Agency or other applicable methods for these analyses.

ANALYTICAL INDUSTRIAL RESEARCH LABORATORIES

ANALYTICAL INDUSTRIAL RESEARCH LABORATORIES, INC. 4295 CROMWELL RD., STE 611 CHATTANOOGA, TN 37421-2177

AIRL SAMPLE I.D. 18503 SIGNAL ENVIRONMENTAL SERVICES

TCLP METHOD 1311 **SAMPLE DATE: 11/17/94**

SAMPLE: 7 SOIL COMPOSITE

EPA HW NUMBER	CONSTITUENT	REGULATORY LEVEL(mg/L)	MDL (mg/L)	RESULT (mg/L)	DATE ANALYZED	METHOD (SW-846)
TCLP VOLATIL	LES (ZHS)					
D018	BENZENE	 0.5	0.1	ND	11/21/94	8240
D019	CARBON TETRACHLORIDE	0.5	0.1	ND	11/21/94	8240
D021	CHLOROBENZENE	100.	10.	ND	11/21/94	8240
D022	CHLOROFORM	6.0	1.0	ND	11/21/94	8240
D027	1,4-DICHLOROBENZENE	7.5	1.0	ND	11/21/94	8240
D028	1,2-DICHLOROETHANE	0.5	0.1	ND	11/21/94	8240
D029	1,1-DICHLOROETHYLENE	0.7	0.1	ND	11/21/94	8240
D035	METHYL ETHYL KETONE	200.	20	ND	11/21/94	8240
D039	TETRACHLOROETHYLENE	0.7	0.1	ND	11/21/94	8240
D040	TRICHLOROETHYLENE	0.5	0.1	3.8	11/21/94	8240
D043	VINYL CHLORIDE	0.2	0.1	ND	11/21/94	8240
TCLP SEMIVO	LATILES	_				
TCLP ACID	s					
D023	o-CRESOL	200	1.0	ND	11/21/94	8270
D024	m-CRESOL	200	1.0	ND	11/21/94	8270
D025	p-CRESOL	200	1.0	ND	11/21/94	8270
D026	CRESOLS (TOTAL)	200	1.0	ND	11/21/94	8270
D037	PENTACHLOROPHENOL	100	1.0	ND	11/21/94	8270
D041	2,4,5-TRICHLOROPHENOL	400	1.0	ND	11/21/94	8270
D042	2,4,6-TRICHLOROPHENOL	2.0	1.0	ND	11/21/94	8270
TCLP BASE	NEUTRALS					
D030	2.4-DINITROTOLUENE	0.13	0.05	ND	11/21/94	8270
D032	HEXACHLOROBENZENE	0.13	0.05	ND	11/21/94	8270
D033	HEXACHLORO-1,3-BUTADIENE	0.5	0.1	ND	11/21/94	8270
D034	HEXACHLOROETHANE	3.0	0.5	ND	11/21/94	8270
D036	NITROBENZENE	2.0	1.0	ND	11/21/94	8270
D038	PYRIDINE	5.0	2.5	ND	11/21/94	8270
TCLP PESTICI	DES					
D020	CHLORDANE	0.03	0.01	ND	11/21/94	8080
D012	ENDRIN	0.03	0.01	ND	11/21/94	8080
D031	HEPTACHLOR	0.008	0.005	ND	11/21/94	8080
500.	-EPOXIDE	0.008	0.005	ND	11/21/94	8080
D013	LINDANE	0.4	0.1	ND	11/21/94	8080
D014	METHOXYCHLOR	10	1.0	ND	11/21/94	8080
D015	TOXAPHENE	0.5	0.1	ND	11/21/94	8080
TCLP HERBIC	IDES					
D016	2,4-D	10.0	0.5	ND	11/21/94	8150
D017	2,4,5-TP (SILVEX)	1.0	0.5	ND	11/21/94	8150
TCLP METALS	\					
D004	ARSENIC	- _{5.0}	0.5	ND	11/21/94	6010
D005	BARIUM	100	5.0	ND	11/21/94	6010
D006	CADMIUM	1.0	0.1	ND	11/21/94	6010
D007	CHROMIUM	5.0	0.5	ND	11/21/94	6010
D008	LEAD	5.0	0.5	ND	11/21/94	6010
D009	MERCURY	0.2	0.01	ND	11/21/94	7470
D010	SELENIUM	1.0	0.1	ND	11/21/94	6010
D011	SILVER	5.0	0.5	ND	11/21/94	6010
					•	

Performed in accordance with 40 CFR 261 (06/29/90)

ANALYTICAL INDUSTRIAL RESEARCH LABORATORY

4295 Cromwell Road, Suite 614

Chattanooga, Tennessee 37421-2177 (615) 894-8102

LAB. NO.:941118-18504

CUSTOMER: 1237

SIGNAL ENVIRONMENTAL SERVICES

P.O. BOX 4270

CHATTANOOGA, TN 37405

DATE RECD. : 11/18/94

SAMPLE DATE: 11/17/94

ATTENTION: MICHAEL MATTHEWS

(615) 265-9551 FAX:

DATE REQUESTED: 11/21/94

CUST P.O.: DEM-1

SAMPLE

:SAAD TROUSDALE SAAD SITE :SAD11/17016

SOIL

ASAP

ANALYSIS

> TCLP TOXICITY CHARACTERISTIC CONSTITUENTS: (SEE ATTACHED)



Notes: TENNESSEE NON REGULATED SOIL

ALL RESULTS RECORDED IN PPM OR MG/L UNLESS OTHERWISE STATED. We hereby certify that the analytical procedures employed are those approved by the Environmental Protection Agency or other applicable methods for these analyses.

200

ANALYTICAL INDUSTRIAL RESEARCH LABORATORIES

ANALYTICAL INDUSTRIAL RESEARCH LABORATORIES, INC. 4295 CROMWELL RD., STE 611 CHATTANOOGA, TN 37421-2177

AIRL SAMPLE I.D.

18504

TCLP METHOD 1311

SIGNAL ENVIRONMENTAL SERVICES

SAMPLE DATE: 11/17/94

SAMPLE: SAD11/17016

EPA HW NUMBER	CONSTITUENT	REGULATORY LEVEL(mg/L)	MDL (mg/L)	RESULT (mg/L)	DATE ANALYZED	METHOD (9W-846)
TCLP VOLAT	ILES (ZHS)					
D018	BENZENE	— _{0.5}	0.1	ND	11/21/94	8240
D019	CARBON TETRACHLORIDE	0.5	0.1	ND	11/21/94	8240
D021	CHLOROBENZENE	100.	10.	ND	11/21/94	8240
D022	CHLOROFORM	6.0	1.0	ND	11/21/94	8240
D027	1,4-DICHLOROBENZENE	7.5	1.0	ND	11/21/94	8240
D028	1,2-DICHLOROETHANE	0.5	0.1	ND	11/21/94	8240
D029	1,1-DICHLOROETHYLENE	0.7	0.1	ND	11/21/94	8240
D035	METHYL ETHYL KETONE	200.	20	ND	11/21/94	8240
D039	TETRACHLOROETHYLENE	0.7	0.1	ND	11/21/94	8240
D040	TRICHLOROETHYLENE	0.5	0.1	ND	11/21/94	8240
D043	VINYL CHLORIDE	0.2	0.1	ND	11/21/94	8240
TCLP SEMIVE	DLATILES	_				
TCLP ACI	os	_				
D023	o-CRESOL	200	1.0	ND	11/21/94	8270
D024	m-CRESOL	200	1.0	ND	11/21/94	8270
D025	p-CRESOL	200	1.0	ND	11/21/94	8270
D026	CRESOLS (TOTAL)	200	1.0	ND	11/21/94	8270
D037	PENTACHLOROPHENOL	100	1.0	ND	11/21/94	8270
D041	2,4,5-TRICHLOROPHENOL	400	1.0	ND	11/21/94	8270
D042	2,4,6-TRICHLOROPHENOL	2.0	1.0	ND	11/21/94	8270
	NEUTRALS	_				
D030	2,4-DINITROTOLUENE	0.13	0.05	ND	11/21/94	8270
D032	HEXACHLOROBENZENE	0.13	0.05	ND	11/21/94	8270
D033	HEXACHLORO-1,3-BUTADIENE	0.5	0.1	ND	11/21/94	8270
D034	HEXACHLOROETHANE	3.0	0.5	ND	11/21/94	8270
D036	NITROBENZENE	2.0	1.0	ND	11/21/94	8270
D038	PYRIDINE	5.0	2.5	ND	11/21/94	8270
TCLP PESTIC						
D020	CHLORDANE	0.03	0.01	ND	11/21/94	8080
D012	ENDRIN	0.03	0.01	ND	11/21/94	8080
D031	HEPTACHLOR	0.008	0.005	ND	11/21/94	8080
_	-EPOXIDE	0.008	0.005	ND	11/21/94	8080
D013	LINDANE	0.4	0.1	ND	11/21/94	8080
D014	METHOXYCHLOR	10	1.0	ND	11/21/94	8080
D015	TOXAPHENE	0.5	0.1	ND	11/21/94	8080
TCLP HERBIC						0.150
D016	2,4-D	10.0	0.5	ND	11/21/94	8150
D017	2,4,5-TP (SILVEX)	1.0	0.5	ND	11/21/94	8150
TCLP METAL						
D004	ARSENIC	5.0	0.5	ND	11/21/94	6010
D005	BARIUM	100	5.0	ND	11/21/94	6010
D006	CADMIUM	1.0	0.1	ND	11/21/94	6010
D007	CHROMIUM	5.0	0.5	ND	11/21/94	6010
D008	LEAD	5.0	0.5	ND	11/21/94	6010
D009	MERCURY	0.2	0.01	ND	11/21/94	7470
D010	SELENIUM	1.0	0.1	ND	11/21/94	6010
D011	SILVER	5.0	0.5	В	11/21/94	6010
0-4		•				

Performed in accordance with 40 CFR 261(06/29/90)

ANALYTICAL INDUSTRIAL RESEARCH LABORATORY

4295 Cromwell Road, Suite 614

Chattanooga, Tennessee 37421-2177 (615) 894-8102

4 12

LAB. NO.:941118-18505

CUSTOMER: 1237

SIGNAL ENVIRONMENTAL SERVICES

P.O. BOX 4270

CHATTANOOGA, TN 37405

DATE RECD.: 11/18/94 SAMPLE DATE: 11/17/94

ATTENTION: MICHAEL MATTHEWS

(615) 265-9551 FAX:

DATE REQUESTED: 11/25/94

CUST P.O.: DEM-1

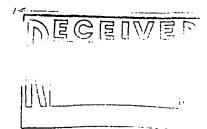
SAMPLE

:SAAD TROUSDALE SAAD SITE

:7 SOILS TO COMPOSITE

ASAP

TCLP TOXICITY CHARACTERISTIC CONSTITUENTS: (SEE ATTACHED)



Notes: TENNESSEE NON REGULATED SOIL

ANALYTICAL INDUSTRIAL RESEARCH LABORATORIES

By Sou Stewar

ANALYTICAL INDUSTRIAL RESEARCH LABORATORIES, INC. 4295 CROMWELL RD., STE 611 CHATTANOOGA, TN 37421-2177

AIRL SAMPLE I.D. 18505 TCLP METHOD 1311
SIGNAL ENVIRONMENTAL SERVICES SAMPLE DATE: 11/17/94

SAMPLE: 7 SOIL COMPOSITE

EPA HW NUMBER	CONSTITUENT	REGULATORY LEVEL(mg/L)	MDL (mg/L)	RESULT (mg/L)	DATE ANALYZED	METHOD (SW-846)
TOLP VOLATI	ILES (ZHS)					
D018	BENZENE	0.5	0.1	ND	11/23/94	8240
D019	CARBON TETRACHLORIDE	0.5	0.1	ND	11/23/94	8240
D021	CHLOROBENZENE	100.	10.	ND	11/23/94	8240
D022	CHLOROFORM	6.0	1.0	ND	11/23/94	8240
D027	1,4-DICHLOROBENZENE	7.5	1.0	ND	11/23/94	8240
D028	1,2-DICHLOROETHANE	0.5	0.1	ND	11/23/94	8240
D029	1.1-DICHLOROETHYLENE	0.7	0.1	ND	11/23/94	8240
D035	METHYL ETHYL KETONE	200.	20	ND	11/23/94	8240
D039	TETRACHLOROETHYLENE	0.7	0.1	0.16	11/23/94	8240
D040	TRICHLOROETHYLENE	0.5	0.1	2.8	11/23/94	8240
D043	VINYL CHLORIDE	0.2	0.1	ND	11/23/94	8240
TCLP SEMIVO	DLATILES	_				
TCLP ACIE	os					
D023	o-CRESOL	200	1.0	ND	11/23/94	8270
D024	m-CRESOL	200	1.0	ND	11/23/94	8270
D025	p-CRESOL	200	1.0	1.5	11/23/94	8270
D026	CRESOLS (TOTAL)	200	1.0	1.5	11/23/94	8270
D037	PENTACHLOROPHENOL	100	1.0	ND	11/23/94	8270
D041	2,4,5-TRICHLOROPHENOL	400	1.0	ND	11/23/94	8270
D042	2,4,6-TRICHLOROPHENOL	2.0	1.0	ND	11/23/94	8270
TCLP BASE	E/NEUTRALS					
D030	2,4-DINITROTOLUENE	0.13	0.05	ND	11/23/94	8270
D032	HEXACHLOROBENZENE	0.13	0.05	ND	11/23/94	8270
D033	HEXACHLORO-1,3-BUTADIENE	0.5	0.1	ND	11/23/94	8270
D034	HEXACHLOROETHANE	3.0	0.5	ND	11/23/94	8270
D036	NITROBENZENE	2.0	1.0	ND	11/23/94	8270
D038	PYRIDINE	5.0	2.5	ND	11/23/94	8270
TCLP PESTIC	inee					
DO20	CHLORDANE	0.03	0.01	ND	11/23/94	8080
D012	ENDRIN	0.03	0.01	ND	11/23/94	8080
D031	HEPTACHLOR	0.008	0.005	ND	11/23/94	8080
<i>5</i>	-EPOXIDE	0.008	0.005	ND	11/23/94	8080
D013	LINDANE	0.4	0.1	ND	11/23/94	8080
D014	METHOXYCHLOR	10	1.0	ND	11/23/94	8080
D015	TOXAPHENE	0.5	0.1	ND	11/23/94	8080
TOLP HERBIC	CIDES	_				
D016	2,4-D	10.0	0.5	ND	11/23/94	8150
D017	2,4,5-TP (SILVEX)	1.0	0.5	ND	11/23/94	8150
TCLP METAL	S					
D004	ARSENIC	5.0	0.5	ND	11/23/94	6010
D005	BARIUM	100	5.0	ND	11/23/94	6010
D006	CADMIUM	1.0	0.1	ND	11/23/94	6010
D007	CHROMIUM	5.0	0.5	ND	11/23/94	6010
D008	LEAD	5.0	0.5	ND	11/23/94	6010
D009	MERCURY	0.2	0.01	ND	11/22/94	7470
D010	SELENIUM	1.0	0.1	ND	11/23/94	6010
Đ011	SILVER	5.0	0.5	ND	11/23/94	6010

Performed in accordance with 40 CFR 261 (06/29/90)

ANALYTICAL INDUSTRIAL RESEARCH LABORATORY

4295 Cromwell Road, Suite 614 Chattanooga, Tennessee 37421-2177

(615) 894-8102

2 4 1267

NO.:941118-18506 LAB.

CUSTOMER:

1237

SIGNAL ENVIRONMENTAL SERVICES

P.O. BOX 4270

CHATTANOOGA, TN 37405

DATE RECD. : 11/18/94 SAMPLE DATE: 11/17/94

ATTENTION: MICHAEL MATTHEWS

(615) 265-9551 FAX:

DATE REQUESTED: 11/25/94

CUST P.O.: DEM-1

SAMPLE

:SAAD TROUSDALE :5 SOILS TO COMPOSITE

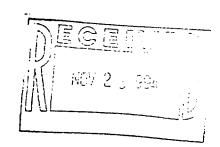
SAAD SITE

ASAP

ANALYSIS

TCLP TOXICITY CHARACTERISTIC CONSTITUENTS: (SEE ATTACHED)

Stockpile



Notes: TENNESSEE NON REGULATED SOIL

ALL RESULTS RECORDED IN PPM OR MG/L UNLESS OTHERWISE STATED. We hereby certify that the analytical procedures employed are those approved by the Environmental Protection Agency or other applicable methods for these analyses.

ANALYTICAL INDUSTRIAL RESEARCH LABORATORIES

ANALYTICAL INDUSTRIAL RESEARCH LABORATORIES, INC. 4295 CROMWELL RD., STE 611 CHATTANOOGA, TN 37421-2177

AIRL SAMPLE I.D. 18506 SIGNAL ENVIRONMENTAL SERVICES

SAMPLE DATE: 11/17/94

TCLP METHOD 1311

SAMPLE: 5 SOIL COMPOSITE

EPA HW NUMBER	CONSTITUENT	REGULATORY LEVEL(mg/L)	MDL (mg/L)	RESULT (mg/L)	DATE ANALYZED	METHOD (SW-848)
TCLP VOLATI	LES (ZHS)					
D018	BENZENE	 0.5	0.1	ND	11/23/94	8240
D019	CARBON TETRACHLORIDE	0.5	0.1	ND	11/23/94	8240
D021	CHLOROBENZENE	100.	10.	ND	11/23/94	8240
D022	CHLOROFORM	6.0	1.0	ND	11/23/94	8240
D027	1.4-DICHLOROBENZENE	7.5	1.0	ND	11/23/94	8240
D028	1,2-DICHLOROETHANE	0.5	0.1	ND	11/23/94	8240
D029	1,1-DICHLOROETHYLENE	0.7	0.1	ND	11/23/94	8240
D035	METHYL ETHYL KETONE	200.	20	ND	11/23/94	8240
D039	TETRACHLOROETHYLENE	0.7	0.1	ND	11/23/94	8240
D040	TRICHLOROETHYLENE	0.5	0.1	0.81	11/23/94	8240
D043	VINYL CHLORIDE	0.2	0.1	ND	11/23/94	8240
TCLP SEMIVO	LATILES	_				
TCLP ACID	s					
0023	o-CRESOL	200	1.0	ND	11/23/94	8270
D024	m-CRESOL	200	1.0	ND	11/23/94	8270
D025	p-CRESOL	200	1.0	1.5	11/23/94	8270
D026	CRESOLS (TOTAL)	200	1.0	1.5	11/23/94	8270
D037	PENTACHLOROPHENOL	100	1.0	ND	11/23/94	8270
D041	2,4,5-TRICHLOROPHENOL	400	1.0	ND	11/23/94	8270
D042	2,4,6-TRICHLOROPHENOL	2.0	1.0	ND	11/23/94	8270
TCLP BASE		-				
D030	2,4-DINITROTOLUENE	0.13	0.05	ND	11/23/94	8270
D032	HEXACHLOROBENZENE	0.13	0.05	ND	11/23/94	8270
D033	HEXACHLORO-1,3-BUTADIENE	0.5	0.1	ND	11/23/94	8270
D034	HEXACHLOROETHANE	3.0	0.5	ND	11/23/94	8270
D036	NITROBENZENE	2.0	1.0	ND	11/23/94	8270
D038	PYRIDINE	5.0	2.5	ND	11/23/94	8270
TCLP PESTICI	DES	_				
D020	CHLORDANE	0.03	0.01	ND	11/23/94	8080
D012	ENDRIN	0.03	0.01	ND	11/23/94	8080
D031	HEPTACHLOR	800.0	0.005	ND	11/23/94	8080
	-EPOXIDE	0.008	0.005	ND	11/23/94	8080
D013	LINDANE	0.4	0.1	ND	11/23/94	8080
D014	METHOXYCHLOR	10	1.0	ND .	11/23/94	8080
D015	TOXAPHENE	0.5	0.1	ND	11/23/94	8080
TCLP HERBIC		-				
D016	2,4-D	10.0	0.5	ND	11/23/94	8150
D017	2,4,5-TP (SILVEX)	1.0	0.5	ND	11/23/94	8150
TCLP METALS						
D004	ARSENIC	5.0	0.5	ND	11/23/94	6010
D005	BARIUM	100	5.0	ND	11/23/94	6010
D006	CADMIUM	1.0	0.1	ND	11/23/94	6010
D007	CHROMIUM	5.0	0.5	ND	11/23/94	6010
D008	LEAD	5.0	0.5	ND	11/23/94	6010
D009	MERCURY	0.2	0.01	ND	11/22/94	7470
D010	SELENIUM	1.0	0.1	ND	11/23/94	6010
D011	SILVER	5.0	0.5	ND	11/23/94	6010

Performed in accordance with 40 CFR 261(06/29/90)

ANALYTICAL INDUSTRIAL RESEARCH LABORATORY

4295 Cromwell Road, Suite 614 Chattanooga, Tennessee 37421-2177

(615) 894-8102

NO.:941118-18507 LAB.

CUSTOMER:

1237

SIGNAL ENVIRONMENTAL SERVICES

P.O. BOX 4270

CHATTANOOGA, TN 37405

DATE RECD.: 11/18/94

SAMPLE DATE: 11/17/94

ATTENTION: MICHAEL MATTHEWS

(615) 265-9551 FAX:

DATE REQUESTED: 11/25/94

CUST P.O.: DEM-1

SAMPLE

:SAAD TROUSDALE SAAD SITE

:7 SOILS TO COMPOSITE

ASAP

ANALYSIS

TCLP TOXICITY CHARACTERISTIC CONSTITUENTS: (SEE ATTACHED)



Notes: TENNESSEE NON REGULATED SOIL

ALL RESULTS RECORDED IN PPM OR MG/L UNLESS OTHERWISE STATED. We hereby certify that the analytical procedures employed are those approved by the Environmental Protection Agency or other applicable methods for these analyses.

ANALYTICAL INDUSTRIAL RESEARCH LABORATORIES

ANALYTICAL INDUSTRIAL RESEARCH LABORATORIES, INC. 4295 CROMWELL RD., STE 611 CHATTANOOGA, TN 37421-2177

AIRL SAMPLE I.D.

18507

TCLP METHOD 1311

SIGNAL ENVIRONMENTAL SERVICES

SAMPLE DATE: 11/17/94

SAMPLE: 7 SOIL COMPOSITE

EPA HW NUMBER	CONSTITUENT	REGULATORY LEVEL(mg/L)	MDL (mg/L)	RESULT (mg/L)	DATE ANALYZED	METHOD (SW-846)
TCLP VOLATII	LES (ZHS)					
D018	BENZENE	0.5	0.1	ND	11/23/94	8240
D019	CARBON TETRACHLORIDE	0.5	0.1	ND	11/23/94	8240
D021	CHLOROBENZENE	100.	10.	ND	11/23/94	8240
D022	CHLOROFORM	6.0	1.0	ND	11/23/94	8240
D027	1.4-DICHLOROBENZENE	7.5	1.0	ND	11/23/94	8240
D028	1,2-DICHLOROETHANE	0.5	0.1	ND	11/23/94	8240
D029	1,1-DICHLOROETHYLENE	0.7	0.1	ND	11/23/94	8240
D035	METHYL ETHYL KETONE	200.	20	ND	11/23/94	8240
D039	TETRACHLOROETHYLENE	0.7	0.1	ND	11/23/94	8240
D040	TRICHLOROETHYLENE	0.5	0.1	0.92	11/23/94	8240
D043	VINYL CHLORIDE	0.2	0.1	ND	11/23/94	8240
TCLP SEMIVO						
DO23	S o-CRESOL	200	10	ND	11/23/94	8270
			1.0		11/23/94	8270
D024	m-CRESOL	200	1.0	ND		8270 8270
D025 D026	p-CRESOL	200 200	1.0	ND ND	11/23/94 11/23/94	8270 8270
D037	CRESOLS (TOTAL) PENTACHLOROPHENOL	100	1.0	ND	11/23/94	8270
D037 D041	2.4.5-TRICHLOROPHENOL	400	1.0	ND	11/23/94	8270
D042	2,4,5-TRICHLOROPHENOL	2.0	1.0 1.0	ND	11/23/94	8270
0042	2,4,0-INIONEONOFHENOL	2.0	1.0	NU	11/20/54	GE/O
TCLP BASE						0070
D030	2,4-DINITROTOLUENE	0,13	0.05	ND	11/23/94	8270
D032	HEXACHLOROBENZENE	0.13	0.05	ND	11/23/94	8270
D033	HEXACHLORO-1,3-BUTADIENE	0.5	0.1	ND	11/23/94	8270
D034	HEXACHLOROETHANE	3.0	0.5	ND	11/23/94	8270
D036	NITROBENZENE	2.0	1.0	ND	11/23/94	8270
D038	PYRIDINE	5.0	2.5	ND	11/23/94	8270
TCLP PESTICI		_				
D020	CHLORDANE	0.03	0.01	ND	11/23/94	8080
D012	ENDRIN	0.03	0.01	ND	11/23/94	8080
D031	HEPTACHLOR	0.008	0.005	ND	11/23/94	8080
	-EPOXIDE	800.0	0.005	ND	11/23/94	8080
D013	LINDANE	0.4	0.1	ND	11/23/94	8080
D014	METHOXYCHLOR	10	1.0	ND	11/23/94	8080
D015	TOXAPHENE	0.5	0.1	ND	11/23/94	8080
TCLP HERBICI	DES	_				
D016	2,4-D	10.0	0.5	ND	11/23/94	8150
D017	2,4,5-TP (SILVEX)	1.0	0.5	ND	11/23/94	8150
TCLP METALS	1					
D004	ARSENIC		0.5	ND	11/23/94	6010
D005	BARIUM	100	5.0	ND	11/23/94	6010
D006	CADMIUM	1.0	0.1	ND	11/23/94	6010
D007	CHROMIUM	5.0	0.5	ND	11/23/94	6010
D008	LEAD	5.0	0.5	ND	11/23/94	6010
D009	MERCURY	0.2	0.01	ND	11/22/94	7470
D010	SELENIUM	1.0	0.1	ND	11/23/94	6010
D011	SILVER	5.0	0.5	ND	11/23/94	6010

Performed in accordance with 40 CFR 261(06/29/90)

ANALYTICAL INDUSTRIAL RESEARCH LABORATO 4295 Crowwell Road, Suite 614

37421-2177 Chattanooga, Tennessee (615) 894-8102

> LAB. NO.:941130-190:

CUSTOMER

1237

SIGNAL ENVIRONMENTAL SERVICES

P.O. BOX 4278

CHATTANOOGA, TN 37405

DATE RECD. : 11/30/94

SAMPLE DATE: 11/29/94

ATTENTION:

(615) 265-9551 FAX:

DATE REQUESTED: 12/02/9

CUST P.O.:

SAMPLE : SAAD SITE

:7 SOIL SAMPLES TO COMPOSITE

RØØ1-RØØ7

RUSH

ANALYSIS

M.D.L. Mathods Date Init

PCB <1.0 ppm

1.0 8080 12-02-94 MW

TCLP Volatiles: See Attached

Notes: TENNESSEE SOIL - NON REGULATED

We hereby certify that the analytical procedures employed are those approved by the Environmental Protection Agency or other applicable methods for these analyses.

ANALYTICAL INDUSTRIAL RESEARCH LABORATORIES

ANALYTICAL INDUSTRIAL RESEARCH LABORATORIES, INC. 4295 CROMWELL RD., STE 611 CHATTANOOGA, TN 37421-2177

AIRL SAMPLE I.D.

19068

TCLP METHOD 1311

SIGNAL ENVIRONMENTAL SERVICES

SAMPLE DATE: 11/29/94

SAMPLE: 7 SOILS ROO1-ROO7

epa hw Number	CONSTITUENT	requlatory Level(mg/l)	MDL (mg/L)	RESULT (mg/L)	date Analyzed	METHOD (8W-546)
TOLF VOLAT	ILES (ZHS)					
D018	BENZENE	0.5	0.1	NO	12/01/84	8240
D019	CARBON TETRACHLORIDE	0.5	0.1	ND	12/01/94	8240
D021	CHLOROBENZENE	100.	10.	ND	12/01/94	8240
D022	CHLOROFORM	6.0	1.0	מא	12/01/94	8240
D027	1.4-DICHLOROBENZENE	7.5	1.0	ND	12/01/94	524 0
D028	1,2-DICHLOROETHANE	0.5	0.1	סא	12/01/94	8240
D028	1,1-DICHLOROETHYLENE	0.7	0.1	ND	12/01/94	8240
D035	METHYL ETHYL KETONE	200.	20	מא	12/01/94	8240
D039	TETRACHLOROETHYLENE	0.7	0.1	0.2	12/01/94	8240
D040	TRICHLOROSTHYLENE	0,5	0.1	3,0	12/01/94	8240
D043	VINYL CHLORIDE	0.2	Q.1	מא	12/01/94	8240

Performed in accordance with 40 CFR 281 (08/29/90)

ANALYTICAL INDUSTRIAL RESEARCH LABORATO

4295 Cromwell Road, Suite 614 Chattanooga, Tennessee 37421-2177 2 4 1273 (615) 894-8102

LAB. NO.:94113Ø-19Ø€

CUSTOMER: 1237

SIGNAL ENVIRONMENTAL SERVICES

P.O. BOX 4270

(615) 265-9551

CHATTANOOGA, TN 37425

DATE RECD. : 11/30/94 SAMPLE DATE: 11/29/94

ATTENTION:

DATE REQUESTED: 12/02/9

CUST P.O.: DEM-1

SAMPLE :SAAD SITE

TCLP Volatiles: See Attached

Notes: TENNESSEE SOIL - NON REGULATED

ANALYTICAL INDUSTRIAL RESEARCH LABORATORIES

By Bon & Datter

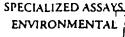
ANALYTICAL INDUSTRIAL RESEARCH LABORATORIES, INC. 4295 CROMWELL RD., STE 611 CHATTANOOGA, TN 37421-2177

AIRL SAMPLE I.D. 19059 SIGNAL ENVIRONMENTAL SERVICES SAMPLE: 7 SOILS R015-R021 TCLP METHOD 1311 SAMPLE DATE: 11/29/94

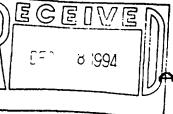
EPA HW Number	CONSTITUENT	REQULATORY LEVEL(mg/L)	MDL (mg/L)	RESULT (mg/L)	DATE ANALYZED	METHOD (2W-846)
TOLP VOLAT	LES (ZHS)					
D018	BENZENE	0.5	0.1	ND	12/01/94	8240
D019	CARBON TETRACHLORIDE	0,5	0.1	מא	12/01/94	8240
D021	CHLOROBENZENB	100.	10.	ND	12/01/84	8240
D022	CHLOROFORM	6.0	1.0	מא	12/01/84	8240
0027	1,4-DICHLOROBENZENE	7.5	1.0	ND	12/01/94	8240
D028	1,2-DICHLOROETHANE	0.5	0.1	ND	12/01/94	8240
D029	1,1-DICHLOROETHYLENE	0.7	0.1	NO	12/01/94	8240
D035	METHYL STHYL KETONE	200.	20	ND	12/01/84	8240
D038	TETRACHLOROETHYLENE	0.7	0.1	ND	12/01/84	5240
D040	THICHLOROSTHYLENS	0.5	0.1	0,3	12/01/94	8240
D043	VINYL CHLORIDE	0.2	0.1	ND	12/01/84	8240

Performed in accordance with 40 CFR 261 (08/29/90)





300 12th Avenue South



NALYTICAL REPORT

SIGNAL ENVIRONMENTAL 6190 ATTN. GREG VEAL

900 MANUFACTURES DRIVE CHATTANOOGA, TN 37405

Sample ID: R001-R007 COMPOSITE

Project: SAAD

Project Name:

Sampler: GREG VEAL

State Certification:

Lab Number: 94-A063854

Date Collected: 11/29/94

Time Collected: 18:00

Date Received: 11/30/94

Time Received: 11:00

Sample Type: Solid waste

TOLP Results

Analyte	Result	Units	Rea Limit	Matrix Soike Recovery (%)	Date	Method
ero Headspace Extracti	on COMPLETED)			12/ 1/94	1311
Benzene	< 2.0	mg/l	0.5	94	12/ 2/94	9240
Carbon tetrachloride	< 2.0	mg∕l	0.5	96	12/ 2/94	8240
Chlorobenzene	< 2.0	mg/l	100	98	12/ 2/94	9240
Chloroform	< 2.0	mg/l	6.0	100	12/ 2/94	8240
1,2-Dichloroethane	< 2.0	mg/l	0.5	100	12/ 2/94	8240
1,1-Dichloroethene	< 2.0	mg/l	0.7	94	12/ 2/94	8240
Methylethylketone	< 20.0	mg/l	200	104	12/ 2/94	8240
Tetrachloroethene	< 2.0	mg/l	0.7	100	12/ 2/94	8240
Trichloroethene	22.3	mg/l	0.5	86	12/ 2/94	8240
Vinyl Chloride	< 2.0	mg/l	0.2	74	12/ 2/94	8240

TCLP preparation follows method 1311 SW-846 as revised November 24, 1992 (57 CFR 55114).

** QUALITY CONTROL DATA **

** Surrogate Recoveries **

Surrogate	% Recovery	Target Range
VOA Surrogate, 1,2-Dichloroeth	ane, d4 104.	76 - 122
VOA Surrogate, Toluene d8	93.0	87 - 113



SPECIALIZED ASSAYS ENVIRONMENTAL

300 12th Avenue South Nashville, Tennessee 37203

ANALYTICAL REPORT

SIGNAL ENVIRONMENTAL 6190 ATTN. GREG VEAL 900 MANUFACTURES DRIVE CHATTANOOGA, TN 37405

Lab Number: 94-A063854

Sample ID: R001-R007 COMPOSITE

Date Collected: 11/29/94

Project: SAAD

Time Collected: 18:00

Project Name:

Date Received: 11/30/94

Sampler: GREG VEAL

Surrogate

Time Received: 11:00

State Certification:

Sample Type: Solid waste

QUALITY CONTROL DATA **

Surrogate Recoveries

% Recovery

Target Range

VOA Surrogate, 4-Bromofluorobenzene 94.0

82 - 121

Report Approved by: T-J. Dullo



SPECIALIZED ASSAYS ENVIRONMENTAL

300 12th Avenue South Nashville, Tennessee 37203

ANALYTICAL REPORT

SIGNAL ENVIRONMENTAL 6190 ATTN. GREG VEAL 900 MANUFACTURES DRIVE

CHATTANOOGA, TN 37405

Sample ID: ROOS-RO14 COMPOSITE

Project: SAAD

Project Name:

Sampler: GREG VEAL

State Certification:

Lab Number: 94-A063855

Date Collected: 11/30/94

Time Collected: 8:12

Date Received: 11/30/94

Time Received: 11:00

Sample Type: Solid waste

TCLP Results

Analyte	Result	Units	Reg Limit	Matrix Spike Recovery (%)	Date	Method
- ~o Headspace Extraction	COMPLETED				12/ 1/94	1311
;zene	< 0.2	mg/l	0.5	94	12/ 2/94	8240
Carbon tetrachloride	< 0.2	mg/l	0.5	92	12/ 2/94	8240
Chlorobenzene	< 0.2	mq/l	100	100	12/ 2/94	8240
Chloroform	< 0.2	mg/l	6.0	98	12/ 2/94	8240
1,2-Dichloroethane	< 0.2	mg/l	0.5	102	12/ 2/94	8240
1,1-Dichloroethene	< 0.2	mg/l	0.7	94	12/ 2/94	8240
Methylethylketone	< 2.0	mg/l	200	126	12/ 2/94	8240
Tetrachloroethene	0.3	mq/l	0.7	100	12/ 2/94	8240
Trichloroethene	5.7	mg/l	0.5	82	12/ 2/94	8240
Vinyl Chloride	< 0.2	mg/l	0.2	76	12/ 2/94	8240

TCLP preparation follows method 1311 SW-846 as revised November 24, 1992 (57 CFR 55114).

** QUALITY CONTROL DATA **

** Surrogate Recoveries **

Surrogate	% Recovery	Target Range
VOA Surrogate, 1,2-Dichloroet	thane, d4 100.	76 - 122
VOA Surrogate, Toluene d8	102.	87 - 113



SPECIALIZED ASSAYS ENVIRONMENTAL

300 12th Avenue South Nashville, Tennessee 37203

ANALYTICAL REPORT

SIGNAL ENVIRONMENTAL 6190 ATTN. GREG VEAL 900 MANUFACTURES DRIVE CHATTANOOGA, TN 37405

Lab Number: 94-A063855

Sample ID: R008-R014 COMPOSITE

Date Collected: 11/30/94

Project: SAAD

Time Collected: 8:12

Project Name:

Date Received: 11/30/94

Sampler: GREG VEAL

Surrogate

Time Received: 11:00

State Certification:

Sample Type: Solid waste

QUALITY CONTROL DATA

Surrogate Recoveries

% Recovery

Target Range

VOA Surrogate, 4-Bromofluorobenzene 102.

82 - 121

Report Approved by: T-D. Dwells

SPECIALIZED ASSAYS ENVIRONMENTAL

300 12th Avenue South Nashville, Tennessee 37203

ANALYTICAL REPORT

SIGNAL ENVIRONMENTAL 6190 ATTN. GREG VEAL 900 MANUFACTURES DRIVE

CHATTANOOGA, TN 37405

Sample ID: R015-R021 COMPOSITE

Project: SAAD

Froject Name:

Sampler: GREG VEAL

State Certification:

Lab Number: 94-A063856

Date Collected: 11/29/94

Time Collected: 17:20

Date Received: 11/30/94

Time Received: 11:00

Sample Type: Solid waste

TCLP Results

Analyte	Result	Units	Reg Limit	Matrix Spike Recovery (%)	Date	Method
Zero Headspace Extraction	COMPLETED				12/ 1/94	1311
Benzene	< 0.1	mg/l	0.5	94	12/ 2/94	8240
Carbon tetrachloride	< 0.1	mg/l	0.5	88	12/ 2/94	8240
Chlorobenzene	< 0.1	mg/l	100	120	12/ 2/94	8240
Chloroform	< 0.1	mg/l	6.0	96	12/ 2/94	8240
1,2-Dichloroethane	< 0.1	mg/l	0.5	104	12/ 2/94	8240
1,1-Dichloroethene	< 0.1	mg/l	0.7	90	12/ 2/94	8240
Methylethylketone	< 1.0	mg/l	200	110	12/ 2/94	8240
Tetrachloroethene	< 0.1	mg/l	0.7	100	12/ 2/94	8240
Trichloroethene	0.4	mg/l	0.5	126	12/ 2/94	8240
Vinyl Chloride	< 0.1	mg/l	0.2	94	12/ 2/94	8240

TCLP preparation follows method 1311 SW-846 as revised November 24, 1992 (57 CFR 55114).

** QUALITY CONTROL DATA **

** Surrogate Recoveries **

Surrogate		covery	Target Range		
	-				
VOA Surrogate	, 1,2-Dichloroethane, d4	104.	76 - 122		
VOA Surrogate	, Toluene d8	101.	87 - 113		



ENVIRONMENTAL

300 12th Avenue South Nashville, Tennessee 37203

ANALYTICAL REPORT

SIGNAL ENVIRONMENTAL 6190 ATTN. GREG VEAL 900 MANUFACTURES DRIVE CHATTANOOGA, TN 37405

Lab Number: 94-A063856

Sample ID: R015-R021 COMPOSITE

Date Collected: 11/29/94

Project: SAAD

Time Collected: 17:20

Project Name:

Date Received: 11/30/94

Sampler: GREG VEAL

Time Received: 11:00

State Certification:

Sample Type: Solid waste

QUALITY CONTROL DATA

Surrogate Recoveries

Surrogate

% Recovery

Target Range

VOA Surrogate, 4-Bromofluorobenzene 98.0

82 - 121

Report Approved by: T-J.D wells



ENVIRONMENTAL

300 12th Avenue South Nashville, Tennessee 37203

ANALYTICAL REPORT

SIGNAL ENVIRONMENTAL 6190 ATTN. GREG VEAL 900 MANUFACTURES DRIVE CHATTANOOGA, TN 37405

Lab Number: 94-A063857

Samole ID: RO22-RO28 COMPOSITE

Date Collected: 11/30/94

Project: SAAD

Time Collected: 8:35

Froject Name:

Date Received: 11/30/94

Sampler: GREG VEAL

Time Received: 11:00

State Certification:

Sample Type: Solid waste

TCLP Results

Analyte	Result	Units	Reg Limit	Matrix Spike Recovery (%)	Date	Method
Zero Headspace Extraction	n COMPLETED				12/ 1/94	1311
Benzene	< 1.0	mg/l	0.5	9 8	12/ 2/94	8240
Carbon tetrachloride	< 1.0	mq/l	0.5	9 0	12/ 2/94	8240
Chlorobenzene	< 1.0	mg̃/l	100	102	12/ 2/94	8240
Chloroform	< 1.0	mq/l	6.0	100	12/ 2/94	8240
1,2-Dichloroethane	< 1.0	mg/l	0.5	106	12/ 2/94	8240
1,1-Dichloroethene	< 1.0	mg/l	0.7	96	12/ 2/94	8240
Methylethylketone	< 10.0	mq/l	200	120	12/ 2/94	8240
Tetrachloroethene	< 1.0	mq/l	0.7	98	12/ 2/94	8240
Trichloroethene	6.8	mq/l	0.5	100	12/ 2/94	8240
Vinyl Chloride	< 1.0	mg/l	0.2	84	12/ 2/94	8240

TCLP preparation follows method 1311 SW-846 as revised November 24, 1992 (57 CFR 55114).

** QUALITY CONTROL DATA **

** Surrogate Recoveries **

Surrogate	% Recovery	Target Range
VOA Surrogate, 1,2-Dichloroe	thane, d4 105.	76 - 122
VOA Surrogate, Toluene d8	98.0	87 - 113



SPECIALIZED ASSAYS ENVIRONMENTAL

300 12th Avenue South Nashville, Tennessee 37203 2 4 1202

ANALYTICAL REPORT

SIGNAL ENVIRONMENTAL 6190 ATTN. GREG VEAL 900 MANUFACTURES DRIVE CHATTANOOGA, TN 37405

Lab Number: 94-A063857

Samole ID: R022-R028 COMPOSITE

Date Collected: 11/30/94

Project: SAAD

Time Collected: 8:35

Project Name:

Date Received: 11/30/94

Sampler: GREG VEAL

Time Received: 11:00

82 - 121

State Certification:

Sample Type: Solid waste

** QUALITY CONTROL DATA **

VOA Surrogate, 4-Bromofluorobenzene

** Surrogate Recoveries **

Surrogate % Recovery Target Range

Report Approved by: J. Dullo

96.0

COPY 1



ANALYTICAL REPORT

2.4 - 1203

SIGNAL ENVIRONMENTAL 6190 ATTN. GREG VEAL 900 MANUFACTURES DRIVE CHATTANOOGA, TN 37405

Lab Number: 94-A063858

Sample ID: RO290-RO35 COMPOSITE

Date Collected: 11/30/94

Project: SAAD

Time Collected: 8:55

Project Name:

Date Received: 11/30/94

Sampler: GREG VEAL

Time Received: 11:00

State Certification:

Sample Type: Solid waste

TCLP Results

Analyte	Result	Units	Reg Limit	Matrix Spike Recovery (%)	Date	Method
Zero Headspace Extraction	COMPLETED				12/ 1/94	1311
Benzene	< 0.1	mg/l	0.5	96	12/ 2/94	8240
Carbon tetrachloride	< 0.1	mg/l	0.5	88	12/ 2/94	8240
Chlorobenzene	< 0.1	mg/l	100	98	12/ 2/94	8240
Chloroform	< 0.1	mg/l	6.0	102	12/ 2/94	8240
1,2-Dichloroethane	< 0.1	mg/l	0.5	104	12/ 2/94	8240
1,1-Dichloroethene	< 0.1	mg/1	0.7	96	12/ 2/94	8240
Methylethylketone	< 1.0	mg/l	200	102	12/ 2/94	8240
Tetrachloroethene	< 0.1	mg/l	0.7	116	12/ 2/94	8240
Trichloroethene	2.7	mg/l	0.5	114	12/ 2/94	8240
Vinyl Chloride	< 0.1	mg/l	0.2	90	12/ 2/94	8240

TCLP preparation follows method 1311 SW-846 as revised November 24, 1992 (57 CFR 55114).

** QUALITY CONTROL DATA **

** Surrogate Recoveries **

Surrogate	% Recovery	Target Range
VOA Surrogate, 1,2-Dichloroeth	ane, d4 110.	76 - 122
VOA Surrogate, Toluene d8	103.	87 - 113



SPECIALIZED ASSAYS **ENVIRONMENTAL**

300 12th Avenue South Nashville, Tennessee 37203

ANALYTICAL REPORT

SIGNAL ENVIRONMENTAL 6190 ATTN. GREG VEAL 900 MANUFACTURES DRIVE CHATTANOOGA, TN 37405

Lab Number: 94-A063858

Sample ID: R0290-R035 COMPOSITE

Date Collected: 11/30/94

Project: SAAD

Time Collected: 8:55

Project Name:

Date Received: 11/30/94

Sampler: GREG VEAL

Surrogate

Time Received: 11:00

State Certification:

Sample Type: Solid waste

QUALITY CONTROL DATA

Surrogate Recoveries **

% Recovery

Target Range

VOA Surrogate, 4-Bromofluorobenzene 114.

82 - 121

Report Approved by: T-J-Dullo

APPENDIX 5



RESEARCH LABORATORIES ANALYTICAL INDUSTRIAL 4295 CROMWELL RD., SUITE 614 CHATTANOOGA, TN 37421-2177

traffers man and the same of the same

Report To: SigNAL 900 MANUFACTORS RO ENVICONMENTAL.

Invoice To:

A to the same and a second of the second

SAMIS -

. !	RECEIVED BY: DATE	REMARKS AND ANALYZE HALE, AS							SKO INTO TOO 1B	5AD 16/27001A	FIELD RUSH SAMPLE ID FACTOR	COLLECTED BY (Signature)	SAAD - Dem-	SITE NAME	PROJECT SITE			
	TIME RÉLINO	ANALYZ									SAMPLE	3) X / ra 1/1	m-1	1	PO# // // // // // // // // // // // // //			٠
	UISHED BY:	KEMAIN							16-17-01			OF CO	NTA			Chain	61	ch
LAB USE ONLY		-							NAME OF THE PARTY	XXX	20. THERE PERSON	/ A . A . A . A . A . A . A . A . A . A	k 207	- - - - - - - - - - - - - - - - - - -	/2	Chain of Custody Record	615-265-9551	ChATT. TN 37405
E ONLY	RECENED BY:	POR FUTURE ALALYSIS							X	^X		85/140	- Var	' / / _\ /	WALYSES /	tody R	1/5	37405
	DATE	RELINQUISHED BY		TRH - CAL		LIDAL-HALAGEN	WOLATILES	SEMI-VOLATILES	TCLP (FULL		/ REMARKS	/ VERBAL/FA	/ DATE REPORT DUE			ecord		
	RELINQUISHED BY:	West		IF METH	8240	N 80150	0478	8200	/3//	METHOD	VAKS	FAXHARDCOPY					SMAN S	
	BY:			3							LAI (for la		ASAP			Page_	5:18	
	DATE TIME	DATE TIME									LAB ID NO. for lab use only					1 a		

NALL SULLESTIONS CONTACT M. MATTHEWS, DAILY ONE ANALYSIS RECEIVED FOR LAB BY:

TIME

AIRBIL NO.

OPENED BY:

DATE

TIME

D. AMEL

SEAL #

CONDITION

) K 2031



ANALYTICAL INDUSTRIAL RESEARCH LABORATORIES, INC.

v 4295 CROMWELL RD., SUITE 611 CHATTANOOGA, TN 37421-2177 Report To:

SigNAL ENVIRONMENTAL

GOO MANUFICTURE RD.

CLATT. TN 37 405

(15.265-9551

invoice to:			
SAME	_	SAAA	
		,	

Chain of Custody Record

Page ____d_3

				U :	O G	~	y u y			,		· -		
PROJECT SITE SAAD NASKVILLS	PO#	1-01	ERS		/2/	ANA	LYSES	; /	PFC	ECT.				
SITE NAME SAAD S!78		* * * * * * * * * * * * * * * * * * *	CONTAINERS	/		/ /	/ /	/ ,	DATE	REPO	ATDUE AC	90-		
COLLECTED BY (Signature)		/4/	OF CON		7 /		//	' /	VERE	BAL/FAX	VHARDCOPY	/		
FIELD RUSH SAMPLE ID FACTOR	SAMPLE	DATE/ TIME	NO.O	\Z\	[]	/ /	/ /		,	REMAI			AB ID No	
SAD 11/3 and A	Soil	11.3 /3158	1	X					CONSOLI					
SAD 11/2002 B	501	11-3/3:59	1	HD	LD \$	10	047	5	4A 5A	6A	7A \$8A		10.00	
SAD 11/3 003 A	Soil	113/4:03		X					FOR OI	VE /	ANALYSIS		400	
SAA 11/2003B	Sail	11.3/4:04		HO	LD	10	DAY	5			p 10 10	***		
SAD 11/3004 A		11-3/4:05	1	X					HULD AL	L SA	MALES	44.55		
SAA 11/2014 B	1 - • •	11-3/4:07	1	HD	LD	10	DAY	-5	ENDING	WITH	B FOR			
SAD 11/3 00 5 A	1	11-3/4:04	1	X					90 PM3.					
SAI 11/3 00 EB		11-3/4:11	1	Hol	10 9	2	DAY	ĸ	HOLD 9H	1 10/	11A 12A	-8	die e.s	Q V
SAD 11/3 006 A	Soil	11-3/4:13	1	X	3/ /		241		FIX FIN	VRE	CONSOLIDAT	., Ce	FY)(4)	
REMARKS	1.	11-14-11-							RÉLINQUISH				DATE	TIME
CALL MICHAEL	MATTIH			1EST	10NS					Way	<i>y</i> 			11:46
ا بما بما	1	QUISHED &	Y:1	DATE	TIME	RE	CEIVE	BY:	: DAT€	TIME	RELINQUISHE	DBY:	DATE	TIME
Donna adens 11/4/94 11:	46	,	1			[i					1.3

LAB USE ONLY

RECEIVED FOR LAB BY:	DATE TIME AIRBI	LNO. OPENED BY:	DATE TIME TEMP *C	SËAL# CC	ONDITION:
REMARKS		45.			

120/

ANALYTICAL INDUSTRIAL RESEARCH LABORATORIES, INC. 4295 CROMWELL RD., SUITE 611 CHATTANOOGA, TN 37421-2177

Report To:

900 MANUFACTURES PD ENVITONMENTAL

ChATT TN 32405

15-265-9551

Invoice To:

SKAS

Chain of Custody Record

											•			
乜		•								į	6	11/4/34 11:46		Donna askma
-	DATE TIME	RELINQUISHED BY:	DATE TIME		RECEIVED BY:		TIME	DATE		RELINQUISHED BY:		DATE TIME	DA	RECEIVED BY:
7	11-44 11:46	• •	ren Wal	بز		, i								
	DATE TIME		RELINQUISHED BY	RELIN						- •				REMARKS
	7				94 3	90	071	11/1	_	11-3/4:32	20:6		B	SAM 11/3 0 10 B
		**					A010	170	_	11-3/4.30	7:15		A	SAM 11/3010 A
	Y				0445	90	076	HO	_	11-3/4:29	50'6		8	2 500 C/11 11 185
							67	<i>¥</i> 6	_	11-3/4:27	20:6		A	Sal 11/3 on 9 A
	34. ·				1380	90	10-90	THO	_	11.3/4:25	1:03		B	SAD11/3008B
-	1					-	-	\times	_	11-3/4.31	Soil		7	540 1/300 81
(05	Spal		DAY	90	07	HC		11-3/4.19	Soil		100	SAD 11/2007B
\mathcal{I}		L CYSTAGO S	letir c	1/2				×		11:3/4:16	Soil - 11.3		A	SAD II/ZOOZA
ير م	#				2200	20	0	Hor,		1.3 /4:1s	50:1		6	SAD 11/3006B
;	tor lab use only)		REMARKS					E	NO.	TIME	VAMPLE T	FACTOR	Fa	SAMPLE ID
		1000	10,000		<i></i>	<u></u>	// / / / / / / / / / / / / / / / / / /		OF	M	100	-16		
		MEVAN BUCCORA	VEDBAI ÆAY		/	_	< _		CO	1/2//		nature)	Y (Sign	COLLECTED BY (Signature)
		EPORT DUE $A \leq A p$	DATE REPOR	_		<u></u>	<u>C</u>		NTA		Y	SAAD 5:75	940	7
				/· ·/		<u> </u>			JN					ار ار
			#LOHOLE	/	ANALYSES /	ANA.	/0/		ERS	1-)5°,		SITE WAS & v://S	PROJECT SITE
	age of or the	Pag	ora	(90)	Chain of Custody Record	SIC	Cu	01	ain	CI				

1508

AIRBIL NO.

OPENED BY:

DATE

TIME

TEMP C

SEAL #

CONDITION:



ANALYTICAL INDUSTRIAL RESEARCH LABORATORIES, INC.

4295 CROMWELL RD., SUITE 611 CHATTANOOGA, TN 37421-2177

Re	port	To
	pvit	

SigNAL [NITONMENTAL 900 MANUFACTURES RD. CLATT, TN 37405

invoice	To:	
_		

SAM5-	

CD

			Clia		ΟI	Cu	5	O	Цy	/ -	Hecord Page 3 0 2	
PROJECT SITE SAAN NASK SITE NAME SAA COLLECTED BY	5 5:7		-1	CONTAINERS	/,		7	NALY		, , ,	DATE REPORT DUE ASAP	
COLLEGIEDBI	(Signature)	Grey	Wed	OF C] [/ /			/ / VERBAL/FAX/HARDCOPY	
FIELD SAMPLE ID	RUSH FACTOR	SAMPLE	DATE/ TIME	Š.	127				\angle	\angle	LAB ID NO. REMARKS (for lab use only)	
SAD 11/3011A		Soil	1+3/4:35	1_		HULL	2_				•	
SAD 11/3011B		Soft	11.3 /4:37	1	11/	4010	9	10 0	2/9	23	Return custody Rea Other	C
SADIBOIZA		Soil	11-3/4:39			HOLI	p'				Return custody See Other seals	
SAN 11/30/26		Soil	1+3/4:41	1		40L	0	40	DA	25	5	
Same day	1	ļ <u></u>						1_				
										<u> </u>		
. \									ļ			
								<u> </u>			Section 7	
REMARKS						· -	.,				RELINQUISHED BY: DATE TIME	
RECEIVED BY:		4	NQUISHED B	Y: 1	DATE	TIME	F	RECE	NE	D BY		1 00

RECEIVED FOR LAB BY: DA	TE TIME AIRBILL NO.	OPENED BY: DATE TIME	TEMP 'C SEAL #	CONDITION:
REMAKS				

ğ

ANALYTICAL INDUSTRIAL RESEARCH LABORATORIES, INC. 4295 CROMWELL RD., SUITE 611 CHATTANOOGA, TN 37421-2177

Report To:

SigNAL ENVIONMENTAL Box 4770

7N37405

Invoice To:

SigNAL ENVICANTAL P.O. GOX 4270

Chatt. To 3 7/05

Chain of Custody Record

Page_

| | 0 |

RECEIVED BY:	REMARKS		54011/17016		SADILITALSA	SADILITOISA	SADW/170HB	SABULTOLUA	SADU/17013B	S40 11/17013A	SAMPLE ID	COLLECTED BY (Signature)	SI E NAME	PROJECT SITE
DATE					8	4			B	25	RUSH FACTOR	Y (Signature,	SAAD Trouslass	E I
TIME RELI			CHURSTS		Seit	Soil	Sail	50:1	Soil	Soil	SAMPLE	Jay III	"Shals	PO#
RELINQUISHED BY:			14/2:25		11-17/2:50	1H7/2:50	11-17/2:43	11-17/243	11-17/2: 39	11-17/2:39	DATE/ TIME	The state of the s		1.
ļ			1	-	_	-	~		-	-	NO.	OF CC	ILATIN	NERS
DATE		~	*		Hol	×	Hel	×	Hol	×	/	C4//	-	_
TIME					9		9		0			_	(E// 	•
RECEIVED BY:					O DAYS		90 News	- -	SKW OB				\ \ \	ANALYSES
SY: BATE TIME RELINQUISHED BY:	RELINQUISHED BY:		RUN BY IT'S SEIF I SAMPLE		RETURN CUSTERLY SCAPE	7	110 120		ISA FOLONE ANALYSIS	CONSOLIMATE 13 A, 14A	REMARKS	VERBAUFANHARDCOPY MITTS	DATE REPORT DUE	/ / / / / / / / / / / / / / / / / / /
	//										LAE (for lai	148 25-95	11-21-94	
DATE TIME	DATE .										LAB ID NO. for lab use only)	54.	4	
TIME	TIME										DIK)			

William Ad	
	70 X
	
	***** > *
	Œ

3////	
	-
7000	33 8
	-0-
	······································
	₩
	(8 ≦
	≥
	: D
	- Ω (Ω (
	Z
	O
1	1
**** ********************************	\mathbf{Q}
	Y
	PENED B
	
	<u> </u>
	∵
	388500
	30 SS - 1
	100 D
# 2790 g (1.100)	370 400 7
■38 6097900705	#
	듄
	Ē
	TE 1)
	TE TIV
	M
	TE TIME
	M
	M
	M
	M
	M
	M
	O. dwal awu
	O. dWai BWIL
	O. dWai BWIL
	TIME TEMP C SE
	O. dWai BWIL
	TIME TEMP C SE
	LEMP C SEAT # C
J	LEMP C SEAT # C
	JUC TEMP C SEAL # ICONDI
U	DUC SEAL # DOUDIT
	DUC SEAL # DOUDIT
	DUC SEAL # DOUDIT
U	DUC SEAL # DOUDIT
	DUC SEAL # DOUDIT
Ú	DUC SEAL # DOUDIT
36	DUC SEAL # DOUDIT
	DUC SEAL # DOUDIT

ANALYTICAL INDUSTRIAL RESEARCH-LABORATORIES, INC. 4295 CROMWELL RD., SUITE 611 CHATTANOOGA, TN 37421-2177

Invoice To:					
SAME - DOM-1					

NO

4

Chain of Custody Record PROJECT SITE PO# ANALYSES OF CONTAINERS SAAN SITE Dem-SITE NAME **DATE REPORT DUE** COLLECTED BY (Signature) SAAD TronsDA15 11-25-94 VERBALFAXHARDCOPY MIKE 765-9565 SAMPLE FIELD RUSH ġ DATE/ LAB ID NO. SAMPLE ID **FACTOR** TIME REMARKS (for lab use only) GAD 11/17 025A 11-17/3:38 CONSOLINATE DEA, 28A HOLD FOR GO DAYS 29A, 30A, 31A, 32A, 33A 11-17/3:38 5001/170256 Soil 11-17/3:4 SAAUII 028A FOR ONEANALYSIS SARHITASBB 11-17/3:47 SADULIZ DZAA HNO 90 MUS RETURN CUSTON SKAL SADULIT 1216 341 N/17030 A H.11 90 Upus SANULIZ 030 B SOIL 1417 [3:57 SALULIZO31 A REMARKS 1+17/2 50 RELINQUISHED BY; DATE | TIME 11-18 RECEIVED BY: **TRELINQUISHED BY:** DATE TIME RECEIVED BY: TIME RELINQUISHED BY: DATE TIME DATE TIME

BECEIVED FOR LAB BY: DATE TIME	AIRBILL NO.	OPENED BY: DATE	TIME TEMP C	INDITION: Spook
REMARKS	N			0

ANALYTICAL INDUSTRIAL RESEARCH LABORATORIES, INC. 4295 CROMWELL RD., SUITE 611 CHATTANOOGA, TN 37421-2177

Report To:	
SIGNAL	ENV: CONMENTAL
P.o. Do	x 4270
chara	TN 37405

Invoice To: SAME-DEM-/

			Cha	nin	0	C	u	St	0	dy	F	lecor	d			Page	_ <u>d</u> _d	10
PROJECT SITE	75	PO#	sm-/	VERS		7	7	AN /	IALY /	SES /	; /	PE	OEC	T#				
SITE NAME	Tronse	1016		CONTAINERS		3	/	/	/	/ ,		/ / DA	TE RE	PO	RT DUE //-	25-	74	
COLLECTED BY ((Signature)	DV.V	20l	OF CO				' /				VE	RBAL	FAI	MARDCOPY	M146 265-9		
FIELD SAMPLE ID	RUSH FACTOR	SAMP	LE DATE/ TIME	Š Ö	L	} 	/		_		\angle		RE	MAI	RKS		AB ID N lab use	
SAD 11/17031A		Soit	11/11/3:59	1		A	01[90	r Da	YS				<u>_</u> }	NG		/ (3.9
SAD4/17031A		Soit	1-17/4:03	1	X								M	, 0	·		(
S#011/17032B		Soil	11-17/4:03	1		Hol	1	90	DA	15		Y	r)_					
SAQUINO33A		Soil	11-17/4:05	1	X							160						
SANULTO33B		Sil	11-17/4:05	1		Hex		go	De	yS		4	R 67	450	1 custody 5.	HIS		
												·						
				<u> </u>														
				ļ	1_												1	
	<u></u>				<u> </u>				<u> </u>	<u> </u>	<u></u>							
REMARKS												RELINQUI		, ,	: J		DATE	TIME
RECEIVED BY:	DATE	TIME RE	LINQUISHED B	Y:	DAT	ET	IME	R	ECE	IVE	BY				RELINQUISHE	DBY:	DATE	TIME

LAB USE ONLY

RECEIVED FOR LAB BY: D	ATE TIME AIRBILL NO.	OPENED BY: DATE 1	TEMP C SEAL #	CONDITION:
	1844 1120		1 4 1	Chry
REVIARIOS		V		. If $oldsymbol{U}$
V44 (1771)	, <u>, , , , , , , , , , , , , , , , , , </u>			
	**			

<u>__</u>

100

 \Rightarrow

500

ANALYTICAL INDUSTRIAL RESEARCH LABORATORIES, INC. 4295 CROMWELL RD., SUITE 611 CHATTANOOGA, TN 37421-2177

Report To: SIGNAL ENVIONMENTAL 92.4

Chatt. TN 37405

Invoice To:

N.	TIME TEMP O SEAL # COMOTION	OPENED BY: DATE TIME		HECEVED HOR ARRY
		LAB USE ONLY		ļ
DATE TIME		DATE TIME RECEIVED BY:	RELINQUISHED BY:	RECEIVED BY: DATE
	X roy VV a			4
DATE TIME	RE INDITISHED BY			REMARKS
	OF RETURN CUSTORY SAME	Holl go Mass	5,it , 111/4:05 1	5404/17033/
	16	X	50:1 11-17/4:05 1	Sagulizassa
	VF)	HOLD 90 DAYS	50:14 11-12 1	Seculinoses
	2 6 0°	×	50:1 111/4:03 1	54011/10319
		Holl Go Days	Soil White	SA011/170516
LAB ID NO.	REMARKS (K	Kul	SAMPLE DATE/ TIME	SAMPLE ID FACTOR
272-4272 372-4272	VERBALEANHARDCOPY 265- 9.	// T.		1 6
14	/ DATE REPORT DUE 11-25-9 4			SARA Tron
	BHOLECT #	ANALYSES	Dem./	SAND SITS
Page 2 d 3		Chain of Custody Record		POO I COT COT
),	

,

RE

ANALYTICAL INDUSTRIAL RESEARCH LABORATORIES, INC.

4295 CROMWELL RD., SUITE 611 CHATTANOOGA, TN 37421-2177

Report	To:

SigNAL ENVISONMENTAL P.J. Dex 4270 Chatt. TN 37405

			Cha	ain	01	C	u;	st	0(dy	F	Record	Page 2 of 2
PROJECT SITE		PO#		1		7	_7		ALY			PBOJECT#	
SAAA STT	5	DE	m-1			/.		/	/ /) /	'/	/ DAE	
SITE NAME				N Z		18	/	/	/		/	DATE REPORT DUE	
SAAD TO	CIRSAA	15		CONTAINERS	1 ,	/ N/	/	/ /	Ι,	/	/	/ / //-	75-94
COLLECTED BY	(Signature	dry U	d	9F.03				' /			' /	VERBAL FAX PIARDCOPY	nikt 2659565
FIELD SAMPLE ID	RUSH FACTOR	SAMPLE		Š.	K2			/ ,	/			REMARKS	LAB ID NO. (for lab use only)
SAD 11/17 035A		Seil	117/4:11	1	X							GLE PAGE ONE	
5004/170256		Sa:L	111/4:11	1		H_{\emptyset}	1/		10	DA	15	560	
											ľ	RETHIN CUSTAL, SE.	AG I STATE OF THE
												,	100.00
												*	
REMARKS				·	_ 4							RELINQUISHED BY:	DATE TIME
												Dray Wal	11:18 11:20
RECEIVED BY:	DATE	TIME RELI	NQUISHED E	BY:	DATE	T	IME	R	ECE	IVE	D BY	TIME RELINQUISHE	D BY: DATE TIME
L	Ļ			1								·	

	DATE TIME AIRBILL	NO. OPENED BY:	DATE TIME TE	EMP *C SEAL #	CONDITION:
REMARKS	-11-1	j.			0



ANALYTICAL INDUSTRIAL RESEARCH LABORATORIES, INC.

4295 CROMWELL RD., SUITE 611 CHATTANOOGA, TN 37421-2177

eport To:		
< · .	 c	

SigNAL ENVIONMENTAL P.O. BOX 4270 CLATT. TN 37405

INVOICE TO:	
SAM6	- 0 8m.1

:00

200

				C	ha	in	O	f (Cu	st		dv	R	lec	orc	ť				Pag	e_ / _o	12
PROJECT SITE		PO	DEN			CONTAINERS		/	.8/	, 	IALY		-7	1	19990	JECT	•					**************************************
SITE NAME SAAL	Trous	SDA 16	5		_	MTA		/,			/ ,	/ ,	/ ,	/ /	DAT	E REPO	ORT [DUE	//-	-25 -	94	
COLLECTED BY (Signature	1/2		Vea		OF CO	/		y /	$^{\prime}$ $^{\prime}$	' /				VER	BAVE	S)HA	RDCC		min	·5 -956:	5
FIELD SAMPLE ID	RUSH FACTOF	1	PLE	DA [*]		S. O.	4	> /								REM	ARKS				LAB ID N r lab use	
5AD 11/17 017A		Sol	iL	1117	3:15	1	X	<u> </u>	<u> </u>						o dSa	LiDATS	- 1-	7 A,	18A			
SAD 11/17017B		زمک	1	11-17/	3:15	1		Ho	10	10	_0	My	5			OA, ?				200	6	
SAD 11/17018A		Sai	7_	11-17/	3:17	1	X	<u> </u>	1					23	A,	For	NE	ANA	llysi	<u> </u>		12.27
SAD 11/17018B		نمحا	1	11-17/	3:17	1		Ve	10	90	1	14	5	·					<u> </u>			
SAD 11/17019A		Soi	1	11-17/	3:30	1	X	<u> </u>				_										
SAD 11/17019B		Soi	L	11-17/	3:30	1		Va.	M_	90	1	14	.		RET	WIN	Cas	Toda	5	415	*	
SAD INITODOA		50.	: L	11-17/	3:25	1	X	<u> </u>				Ŀ										
SAA 11/17020B		Soi	1	11-17/	3:25	1	11	eL	1	10	0	44	5									Marine C
SAD U/17021A		Sof	r	14/7/	3:2 7	1	$\bot X$								21 BAN-1							
REMARKS														1 <i>V</i>	NQUIS NOVIS	HED B	Y :				DATE	TIME
RECEIVED BY:	DATE	TIME	RELIN	QUISI	HED B	Y:	DAT	E	TIME	≣ R	ECE	NEC	BY		DATE	TIME	RE	LINQL	JISHE	D BY:	DATE	<i>1): 20</i> ПМЕ

RECEIVED FOR LAB BY: DATE TIME AIRBILL NO. OPENED BY:	DATE TIME TEMP °C	SEAL#	CONDITION:
REMARKS			0~



ANALYTICAL INDUSTRIAL
RESEARCH LABORATORIES, IN4295 CROMWELL RD., SUITE 611
CHATTANOOGA, TN 37421-2177

ייי אייי אייי	ORATORIES, INC.	INDUSTRIAL
	æ)

eport To: SigNAL ENVILONMENTAL

Pa. Box 42 70

ChATT. TH 3740S

⋾	
6	
<u>조</u> .	
Φ.	
컹	

SAM8 -

	1
_	<u>m</u>
	=:
_	
	Ų
	-
`	1
٦	7
i	<u>~</u>
1	
	\succeq
1	
	~
1	
J	Ţ
l	\approx
1	(D
ı	\mathbf{c}
1	0
ì	=
ı	$\vec{}$
١	
١	
١	

Page_

200

_	_		_				,	-				
JIME		RELINQUISHED BY:		VED BY:	TIME RECEIVED BY:		DATE		RELINQUISHED BY:	TIME RELIN	DATE	RECEIVED BY:
105:11	11.18 11		1 re- VVal			7		J				
TIME	DATE T		HAR DEHSINDON, TELL	Я								REMARKS
				-								
			•									
			J.	Denvs	101A 901	12/01/		-	(I-T) 3:33	Soil		2021/170236
			ζ'.			-	X	-	11/1/3:32	50:1		SALU/17033A
			2625	Days	96	$H_b \Omega$		-	11-17/3:30	1:03	,	geever/11100
			0 %			-	X		111/3:20	20.16		SABII/17033A
			9.	90 OM18	10 90	HolD			11-17/3:27	30:1		SABILLITONB
Z	LAB ID NO. for lab use only)		REMARKS			/	Ku	NO.	DATE/ TIME	SAMPLE	RUSH FACTOR	SAMPLE ID
		AXHARDCOPY	VERBAL/FAXI			\\ _	·/	OF CO	Wal	Drog VV as	(Signature)	COLLECTED BY (Signature)
	94	16-58-11 and 1	DATE REPORT DUE	<u></u>		E /R		NTAIN		SAAD TrousDA15	Trou	SITE NAME
			PROJECT#	SES	ANALYSES			ERS	\- <u>/</u>	PO# [-]	4	PROJECT SITE

Announced Special Control of the Con	314000000000000000000000000000000000000
	· · · · · · · · · · · · · · · · · · ·
	T
W/////////////////////////////////////	
	- A COMPANY
	- W
	63 XXX 883
	****** > 2
	, www.
	~~~
200	
****	<b>RV_D</b>
	**** <b>=</b> !
	1
	-X ⊒1
12000	اکی
	*******
	~ <b>~</b>
	- E
I Section 1	HBAL
	₩.
	Z
	O
	· · · · · · · · · · · · · · · · · · ·
	m
	- 7
	OPENED
	ယ္
	<b>~~1</b>
000000000000000000000000000000000000000	2000 CO
Control of the second second	100000000000000000000000000000000000000
	Ď
	DAT
	DATE
	DATE
	DATE
	DATE TI
	DATE 11M
	DATE TIME
	DATE TIME
	DATE TIME 1
	DATE TIME TE
	DATE TIME TEN
	DATE TIME TEMI
	DATE TIME TEMP
	DATE TIME TEMP "
	DATE TIME TEMP *C
	DATE TIME TEMP C
	DATE TIME TEMP 'C に
	DATE TIME TEMP 'C St
	DATE TIME TEMP 'C SE
	DATE TIME TEMP 'C SEAL
	DATE TIME TEMP 'C SEAL
	DATE TIME TEMP C SEAL #
	DATE TIME TEMP 'C SEAL#
	DATE TIME TEMP C SEAL #
	DATE TIME TEMP 'C SEAL # (
	DATE TIME TEMP 'C SEAL # CO
	DATE TIME TEMP C SEAL # CO
	DATE TIME TEMP C SEAL # CON
()	DATE TIME TEMP C SEAL # COND
	DATE TIME TEMP 'C SEAL # CONDIT
)   	DATE TIME TEMP 'C SEAL # CONDITH
)   	DATE TIME TEMP *C SEAL # CONDITION
Ó	# CONDITION
Ó	DATE TIME TEMP "C SEAL # CONDITION:
Ó	# CONDITION
Ó	# CONDITION
Ó	# CONDITION
	# CONDITION
	# CONDITION
<b>(</b> )	# CONDITION
Ó	# CONDITION
<b>(</b> )	# CONDITION
<b>(</b> )	# CONDITION

E	
	R
	\
	V

### ANALYTICAL INDUSTRIAL RESEARCH LABORATORIES, INC.

4295 CROMWELL RD., SUITE 611 CHATTANOOGA, TN 37421-2177

Report To:	Invoice To:
SIGNAL ENVIONMENTAL	SIGNAL ENVISONMENTAL
900 MANUFACTURE Dr.	DEM-1
ChATT. TN 37405	
615-265-9551	

				615	-26	<u>,5-9</u>	<u>[5]</u>	<u>5/</u>							
			Cha	ıin	of	C	;u	st	00	dy	H	Record	Page		
PROJECT SITE		PO#		T		7	7	7		SES /	$\overline{}$	PROJECT #			
SITE NAME SA A	A SITS			OF CONTAINERS		Kot		/ ,	/ ,	/ /	Ι,	DATE REPORT DUE / 2	-2-99	7	
COLLECTED BY (		Dreg VV.	Cal	OF CO	1/2		/	/				VERBAL/FAX/HARDCOPY	mike 265-95	565	
FIELD SAMPLE ID	RUSH FACTOR	SAMPLE	DATE/ TIME	O.	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\				$\angle$	<u>_</u>	<u>_</u>	REMARKS		AB ID N lab use	
RODI	Rush	Soil	11-24/5:27									CONSOLIDATE INTO 1		250000	<i>**</i>
Rou 2	Rush	Soit	11-29/5:73		X		7					SAMPLE + RUNTELP- VOL			
Roo 3	Rush	Soil	11-29/5-78	1 .	Х							"RusH"			
R004	Rush	1	11-29/5:43		X										
R005	Rush	So:L	11-29 /5:47	1	X										
Rool	1		1129 /5:52	1	X		لي	<b>/</b>						•	100
R007	Aush		1129/6:00		X		-								
							-								
:															
REMARKS	•	1	/ / 4									RELINQUISHED BY:			11:45
BEGRIVED BY:	DATE TI	IME RELIGIO	MOUISHED BY	Y:	PATE	<u> </u>	IME 32	PRE	ECE Juz	NED	∙BY: ~~~	: DATE TIME RELINQUISHE	ED BY:	DATE 1/2/4	TIME 3 43
		H	7101 V	<b>V</b>		LA	BU	JSE	ON	LY					
RECEIVED FOR L		DATE TO	000000000000000 <u> </u> 000000000000000000000	NO.		OPE	NET	5 BY	•	DA	TE		ONDITION	11	

ANALYTICAL INDUSTRIAL
RESEARCH LABORATORIES, INC.
4295 CROMWELL RD., SUITE 611
CHATTANOOGA, TN 37421-2177

Signal ENVITONMENTAL	Report To:
	Signal ENVITONIMENTAL

Invoice To:

7	Sigual	
,	baviloums	
	ertal	

Chart, To 37/05

6/5-265- 955/

Chain of Custody Record

		**			REMMER
TIME TEMP 'C SEAL # CONDITION:	OPENED BY: DATE	ON THBUR	DATE TIME AIRE		HEGENED FOR LABOR
	LAB USE ONLY	•			
DATE TIME RELINQUISHED BY: DATE TIME 7:1/3.4. 3:14	TIME RECEIVED BY:	MA PA	TIME RELIVOUISHED BY	PATE TIN	RECEIVED BY:
RELINQUISHED BY		7			REWARKS
		36 1 4	50:1 11-29 /5:20	Rush	Roal
	_		Spil 1139 Bils	Rush	Rose
		0 / Y	Soil 11-29 /5:10	Rush	Rala
		9 / Y	Soil 11.70 /509	Push	Ray8
'Rush'			5011 11-29 15:07	Rush	Roll
SAMPLE & RUNTELP-VOL	/	/S /	Soil 11-34/5:05	Rush	Rath
70 /	Ž	000	Soil 11-24/5:00	Rush	Rols
REMARKS (for lab use only)	7		SAMPLE DATE/	FACTOR	SAMPLE ID
VERBAUFAXHARDCOPY 265-9565	P-	OF CC	ry Wed	(Signature)	COLLEGIED BY
/ DATE REPORT DUE 12.2.94	Vod	NTAI		AD	SIENAME SAAA
/ PEQUECT#	/ ANALYSES /	NERS	D6m-1		SAAA
record Page / or /	Chain of Custody Record	nain (			

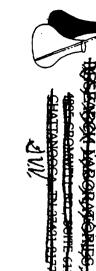
# SPECIALIZED ASSAYS LIVIRONMENTAL

	19/15 61			ort To								1,	nvoice	To				
RESEARCH						6		. ^			1.1	11			· /-	10	- 1.46	ر , ۔
CHATTAN	MUZELL RO	37421-2177		Sig							1 ta 1	_	، د	GNAL	- 61	I	NMER	1/1/2
D D	IVI	0742142177		, ,				CTUT		-		-		DEM	4-1	<del>/</del>		_
×	34							√ <u>3</u>		10	5	_			<u> </u>			_
			<u> </u>	6	5-0	265	- '	959	<u>-                                    </u>		<del></del>				<del></del>		<del></del>	_
			Cha	in	of	C	us	sto	dy	F	Recor	ď				Page	10	1
PROJECT SITE		PO#				7	-	ANALY		$\overline{}$	1 1///	IOJECT.	#	N est				
SAAD SITE NAME		DEM	-1	N.			/ /	/ /	/				4		ahen 20	hicher and the		Se hShillin
SAAD SITE NAME SAA	4 D		. /	OF CONTAINERS		13	' /		/	/	/ / D#	ATE REP	ORT D	UE	12-	2-9	14	1
COLLECTED BY	(Signature)	// .	11/2/	$\delta$	/_	1/		//	/ /	' /	VE	RBALF	AX/HA	RDCOF	• • •		VIUER	
	1 50000	V May 1	/ Veg		/ \	$\bigvee$	/ ,	/ /									-039	
FIELD SAMPLE ID	RUSH	SAMPLE	DATE/ TIME	Š.	VK	]	' /		/		/	RFM	IARKS				AB ID N	
Roo 1	Rush	Soil	11-29 /5:27	1	X						CONSO							
Rooz	Rush	Soil	11,20 /5:32	1	Y						CAMPL				OL			
Rao 3	Rush	1 - '	11-29 /5:38	1	X							usH"	/					
R004	Rush		11-24/5:43	1	X													
R005	Rush	Sail	11-24/5:47	1	X				<b> </b>							19,		
Roob	Rush		11-24/5:52	1	X		7											
R007	Rush	Soil	11.29/6:00	1	X													
1.00.2	1											<del> </del>	-					
	1		<del> </del>			$\top$	_											
REMARKS		<u>.                                    </u>		Ļ	اا					·	RELINOU	ISHED B	Y7 0	1	E		DATE	TIME
	.,	·				<del></del>						Rey V	/es				11.30	
RECEIVED BY:	1 1	IME RELIN	VQUISHED B		DATE パうる			RECE	EVE	) BY	: DAT	E TIME	REI	LINQUIS	SHED	BY:	DATE	TIME
Brilloff.	111.3011	rica g	M / -		, , ,												L	
<i>J</i>			U					E ON										
RECEIVED.FOR			ME AIRBIL	_NO.	[	OPEN	VED	BY:	DA	(TE	TIME T	EMP 'C	SEA	L#	CON	DITION	:	
REMARKS	Turen-	<u> </u>	(CF-)		l				1				1		2 26 30 C	Harry Maria <del>Tables</del> Harris		
7					•												و شور سو:	1.
				*****						49-497	eregeerteetskaffel	7.05530.5580081		autori i i i i		and the state of t	of the	00.003874.00

SPECIALIZED ASSAYS ENVIRONMENTO

A WAY	OCA, TH			-	GNA					RI.		voice To:			
-21V.	V.	•			AT.				5		-				
		1							v F	Record	- i		Pag	ge / d	— . of ,
PROJECT SITE  SAA ()  SITE NAME		PO# 100m-		1			7	IALYS		PRC	JECT#	<u>UP</u>			
OLLECTED BY	(Signature)	SITE Dry V	Val	OF CONTAINERS	9		//	///	//	/		RT DUE XHARDCO	12-2-9 PY MIKE 1615-263	~	<u> </u>
FIELD SAMPLE ID	RUSH FACTOR	SAMPLE	DATE/ TIME	N O	13						REMA	RKS		LAB ID N or lab use	
R008	Rush	Soil	1134 8:00	1	X					CONSolil	ATE I	NTO /	2		273
Roog	Rush	Soil	11-30 8:02	1_	X	$\perp$	_		_	Sample	1 Run	TOIP. V	10L	/c. (3)	
Role	Rush	Soil	N-30/8204	Ļ	X		1		<b>-</b>	11	Rush	···			
R011	Rush	Soil	11-30 /8:06	<u> </u>	X				$\rightarrow$	<b></b>					
Roll	Rush	Soil	1436 /8:08	1	X		$\perp$		1					- 4	
R013	Rush	Soil	1136/8:10		X		/		_						
Ro14	Rush	50:1	11.30/8:12	1	X	4	-		-						
					+	-	-				<del> </del>	<del></del>			
EMARKS		<u> </u>	L	1			<u></u>	ll_		RELINQUIS	HED BY	4	<b>1</b>	DATE //- 30	1
RECEIVED BY:			OUISHED B					ECEIV	ED BY	C DATE	TIME	RELINQU	ISHED BY:	DATE	Ti
			1			LAB	USE	ONL	1						

SPECIALS ZED ASSAYS ENVIRONMENTA



Report To: GOO MANUFACTUISS AR. SIGNAL ENVICONMENTAL CHATT, TN 615-265-9551

Invoice To:

5,5	
2	٩
6	
, _	
Cr.	
4	
U	
1	
6	
ح	
7	
, J	
ĭ	
41	
1	
	SiGNAL ENVISONMENTAL

ANALYSES  ANALYS			LAB USE ONLY		0
ANALYSES  PO#  ICA-  PO#  ICA-  RUSH  RUSH  FACTOR  REMAPKS  R	DATE TIME	DAIR	1/67.55	11/2:cK	STATED BY: D
SITE PO#  ANALYSES PROJECT*  ANALYSES PROJECT*  DATE REPORT DUE 17.3.94  EID PACTOR TIME DATE  RUSH SAMPLE DATE  PUSH SAMPLE DATE  ALSH SAMPLE DATE  OF FACTOR TIME  O	DATE TIME	RELINQUISHED BY			
TSITE PO#  PO#  PO#  PO#  PO#  PO#  PO#  PO#					
TSITE PO#					
TSITE PO#  ANALYSES PROJECT# DECT#  ANALYSES PROJECT#  DATE REPORT DUE 12.29/16/16  EDBY (Signature)  D RUSH SAMPLE DATE OF TIME OF TI			7	Sail	
TSITE PO#  AMALYSES PROJECT# DATE  SAAN  EDBY (Signature)  D RUSH SAMPLE DATE  EID FACTOR TIME  AUSh Suit H-34/5:03				21.05	
TSITE PO#  AMALYSES PROJECT#  AMALYSES PROJECT#  DATE REPORT DUE 12.3.94  EID FACTOR SAMPLE DATE OF TIME OF TI				Soil	Ro15 1
TSITE PO#  AAAAA  ACM   PO#  ARE SAAAA  EDBY (Signature)   May   M		7		2.05	
ANALYSES  PHOMECIA  ANALYSES  PHOMECIA  DATE REPORT DUE 17.3.94  EDBY (Signature)  PACTOR  RUSH  SAMPLE  DATE  DO  RUSH  SAMPLE  TIME  DATE  DO  RUSH  SAMPLE  DATE  DO  RUSH  SAMPLE  TIME  DATE  DO  RUSH  SAMPLE  S		1'Rush"		Sail	Ro17 +
ANALYSES  PHOMETRY  DATE REPORT DUE  1.1.94  SAMPLE DATE  O  S		SAMPLE + RUN TELL-VOL	7	Sail	Roll
ANALYSES  PROJECT # DETECT # D		CONSALIDATE INTO 1	/	Sail	Rais
ANALYSES PHOJECT # DE 12-2-94  SAMPLE DATE DATE DATE DATE DATE DATE DATE DAT	lab use only)				
PO#  ANALYSES  PROJECT # D  ANALYSES  DATE REPORT DUE 11.1.94  VERBAL/FAX/HARDCOPY 4784 V/V 5.33-039	AR ID NO			SAMPLE	FIELD
PO#    CM-   ST   ANALYSES   PROJECT # DE   1,1,94	397	VERBALFAXHARDCOPY Grad V			OLLECTED BY (SK
ANALYSES PO#  ANALYSES PROJECT# Delta   ANALYSES   PROJECT# Delta   Popularia   Popularia		DATE REPORT DUE 12.2.94			S AA
The second is a se		PROJECT # Dans		16n-1	SAAAA
	1 2		iii oi ouotouy i		100

17

7

1681

TIME AIRBILL NO.

OPENED BY:

DATE

TIME

JEMP C

SEAL #

CONDITION:

SPECIALIZED ASSAYS ENVITONI UTAL

71/2	
/	
61177 777	THE .

SigNAL ENVIONMENTAL

511

900 MANAFACTUES RA.

Invoice To:  SAMS
-------------------

_	RECEIVED BY: D	REMARKS			Ra)7 1					Rozz	SAMPLE ID F	\ \( \( \S \)	SITE NAME SAAD	PROJECT SITE			7	
	DATE TIME RELINQUISHED BY:			Rush Sail 143/8,78	Rush Soil 1120/8:32	56'L	50:6		Rush 5011 11.2/8:23	Rush Soil 11-36/820	FACTOR SAMPLE DATE/	gnature) of rey Weal		PO# 1 8 1 1 - 1		ı	7.17	- 1/1/2010 1017
LAB USE ONLY	BY: DATE TIME RECEIVED BY:						\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	\( \)	3	2	NO.	OF CO		JERS / ANALYSES	Chain of Custody Record	615,265,9551	Chatt. TN 37405	900 MANAFACTURES RD.
	Y: DATE TIME RELINQUISHED BY:	RELINQUISHED BY:				<del>- }</del>		"Rush"	SAMPS + RUN ATUP-VU	consolillate into 1	REMARKS	VERBAL/FAX/HARDCOPY	DATE REPORT DUE	(20 ≠13a68a/ /	Record			
	ED BY: DATE TIME	DATE TIME							1		LAB ID NO. (for lab use only)	mike 615-265-9565	17-2-94		Page / or /			

1021 7 3

TIME AIRBILL NO.

OPENED BY:

OF DATE | TIME | TEMP C

# TV3S

CONDITION:

SPECSALIZED ASSAYS ENVIRON SWARL

10
•
•

Report To:
SigNAL ENVITON MENTAL GAO MANUEMETUS RD. CHATT. TN 37 405 615-265-9551

Invoice To:

y	RECEIVED BY:	REMARKS		25.08	Rosy	Ross	R032	R031	R030	Roas	SAMPLE ID	COLLECTED BY (Signature)	S OF TENAME	SMA ()	
	11 PER: (1)	1		Rush	Rush		Rush	Rush	Rush	Rush	FACTOR	(Signature)	SMAN		
	<u> </u>			1,05		i	1	Soil	Soil	501	SAMPLE	Jen M		1) EM-	
	RELINQUISHED BY			12/6:55	153/21	1-2/5:50	11-31/817	1130/8:45	11-30/000	11-30/8:40	DATE/ TIME	lal			Cha
		1		-	1	<u>ا</u>	\ \	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	<u> </u>	-  x		OF CC		NERS	in c
LAB	DATE TIME	1		7						7	Ze,	2-v	let.		of C
LAB USE ONLY		3											<u></u>	ANA.	ustc
NLY	RECEIVED BY:												<u></u>	ANALYSES	<b>Chain of Custody Record</b>
								/	5,	2			<u></u>		Rec
	DATE	エク						1, 45 ng.	SummellE RUN TOLA- VOL	CONSALIBRIE INTO		VERB,	DATE	Saroda	ord
	TIME R	8 B						;	Rund 7	align	REMARKS	VERBALFAXHARDCOPY MIKE	REPORT	¢12	
ļ	RELINQUISHED BY:								21/2V	E. 184	(X)	MARDCO	Jue /	Die	
	SHED B								101	/		PY 6/3	ر کے۔		
											LA (for la	-265	94		Page
	DATE	DATE 7									LAB ID NO. (for lab use only)	956			d
	TIME	TIME //:00									oly)	ν			-

ARBIL NO.

OPENED BY:

DATE

TIME

C. dMai

SEAL #

CONDITION

- 62 1

ح: رئيس

SIGNAL ENVIRONMENTAL Sample # SAD 16/27001 A Date 16-27-94 Seal Broken By: SERVICES, INC. Signature 900 Manufacturers, P.O. Box 4270 Print Name and Title Date Chattanooga, TN 37405 Grs6 VIVEAL

SIGNAL ENVIRONMENT. .

SERVICES, INC.

900 Manufacturers, P.O. Box 4270

Chattanooga, TN 37405

S anple # SAD 10/27001B Date 10-27-94 Signature Mag

Print Name and Title

Greg U. VSAL

Seal B

Date ;

	2	4 1 1 1 1 1
SIGNAL WVIRONM ENTAL	iple # SAD 11/3 002 M Date 1/2-94	Seal Braken Ay:
SERVICES, / C.	Signature Spa VIIaI	Helier
00 Manufacturers, P.O. Box 4270	Print Name and Title	Date IL7-94
chattanooga, TN 37405	GrEGU, USAL	
SIGNAL ENVIRONMENTAL	Sample #SAD 11/3 003A Date 11-3-94	Seal-Broken By:
SERVICES, INC.	Signature of M. 11/19.1	
900 Manufacturers, P.O. Box 4270	Print Name and Title	Date 11 Contraction
Chattanooga, TN 37405	Greg U.VEAL	/F 7-14
SIGNAL ENVIRONMENTAL	Sample #5.40 11/3 00 4 A Date 11-3-94	Broken By:
SERVICES, INC.	Signature She Wed	y Hens
900 Manufacturers,	Print Name and Title	Date 2 Co.
Chattanooga, TN 37	GIEG V.VEAL	11-7-44
SIGNAL ENVIRONMENTAL	Sample #SADII/3 005 A Date \$1-3.94	SemBroken By:
SERVICES, INC.	Signature Gra Wal	V. Alun
900 Manufacturers, P.O. Box 4270	Print Name and Title	Date
attanooga, TN 37405	GISE VIVEAC	11-7-44
SIGNAL ENVIRONMENTAL	Sample #SAN 11/3 006A Date /1-3-94	Sear Broken Sy
SERVICES, INC.	Signature Ina Was	4.04500
900 Manufacturers, P.O. Box 4270	Print Name and Title	Date
Chattanooga, TN 37405	Greb V. USAL	11. 174
SIGNAL ENVIRONMENTAL	Sample # SAN 11/3 00 2A Date //- 3 44	Seel Broken By:
SERVICES	Signature Line Wed	y. duga
900 Manufacture \$270	Print Name and Title	DKe 11-7-94
Chattanooga, TN	GOSL VUEBL	
SIGNAL ENVIRONMENTAL	Sample # 540 11/3 00 8A Date 11-3-94	Sea+Broken By
SERVICES, INC.	Signature Drew West	V. elm
900 Manufacturers, P.O. Box 4270	Print Name and Title	Date 11-7-50
Chattanooga, TN 37405	Grage V.VBAC	" ' ' ' ' ' ' ' '
	4.0	1

	ii ')	•	
10VE		Sample #C AA 44	Seal Broken By:
. ב ווטטוו	SIGNAL LIVERS	Sample #5/10/1/3 0/1/A   Date //.	Seal Blokell By.
	SERVICES, INC.	Signature Trag Wed	7
[DL]	900 ° rs, P.O. Box 42	70 Print Name and Title	Date (1-16-10)
	Chat 37405	Grab VIVEAL	
	Manufacturers, P.O. Box 4270 Print	Sample #SADII/3 0/3A Date //- 3-9 Signature Reg // Las  Print Name and Title  Lars ( V. VSAL  Inple #SAD 1//3 00 9 A Date 7/-3-94  Inature Reg West  Name and Title  FISH V. VSAL	Seal Broken By:  Date  1-18-94
	SERVICES, INC. 900 Manufacturers, P.O. Box 4270	Sample # SAO ///3 640 A Date //-3-9 Signature & rea ///es  Print Name and Title	Date 11-18-94
	Chattanooga, TN 37405	Grob VIVEAL	

Chattanooga, TN 37405

### 18503 - 18507

SIGNAL ENVIRONMENTAL	Sample # SAL 11/1713-16 Date 11-17-91	/ Seal Broken By:
SERVICES, INC.	Signature 2 No. VVal	Juselton
900 Manufacturers, P.O. Box 4270	Print Name aind Title	Date 11/18/94
Chattanooga, TN 37405	Gret V. VEAL	
SIGNAL ENVIRONMENTAL	Sample # SAD 11/17 Date /1-17-94	
SERVICES, INC.	Signature & Was	Multon
900 Manufacturers, P.O. Box 4270	Print Name and Title	Date /1/18/94   [Inti]
Chattanooga, TN 37405	GIST VIVEAL	11/10[17
SIGNALENVIRONMENTAL	Sample # SAD 11/17   Date 11-17-9	Seal Broken By:
SERVICES, INC.	Signature & Nay VIV	Visela
900 Manufacturers, P.O. Box 4270	Print Name and Title	Date 11/18/94
Chattanooga, TN 37405	Greb V. VEAC:	/([(0] . +
	• :	
SIGNAL ENVIRONMENTAL	Sample # SAD 11/17 Date /1-/7.94	Seal Broken By:
SERVICES, INC.	Signature Drew Wed	Suseltan
900 Manufacturers, P.O. Box 4270	Print Name and Title	Date
Chattanooga, TN 37405	Greb VIVEAL	11(18(7)

SO**7** 

-----

## APPENDIX 6

Plea	te print or type				<b>1</b>	1		.:
For	NON-HAZARDOUS	1. Generator's U	IS EPA ID No.	Monifest	2. Page 1	المراجة التريئ		
	WASTE MANIFEST			Manifest Document No.	of /			
	3. Generator's Name and Mailing Address J.P. SAAA Trous DAIE 3655 Truns DAIE Dr. 1	· 1			7			
1	J.F. SAAH Trous DATE	5.75	-1 37211					
	3655 77045AA18 Ar. 1	UASHU!!!	-// >/					
1	4. Generator's Phone (6/5) 333.	-0397						
	5. Transporter 1 Company Name	7.46	6. US EPA ID 10H.D.9.8.7.	Number 3.1.6.0.0.3	ļ			
	MC TANK Transport	- 44C,	8. US EPA ID					
	7. Transporter 2 Company Name		I US EPA ID	Number				
	9. Designated Facility Name and Site Address		10. US EPA ID	Number	A. Transporter's	Phone /	(15) 793-	30/:0
	9. Designated Facility Name and Site Address LAIDIAW ENVIRONMENTAL S	ercics (w	T), INC		B. Transporter's			2002
	1440 ANTICCH PIKE				C. Facility's Phor			
	ANTICCH TN 37013		TNDO.C.C.	7. <i>7</i> . L 2.7.7	(4	<u> (15)</u>	833 - 20	259
	11. Waste Shipping Name and Description	***		<u> </u>	12. Co	tainers	13. Total	14. Unit
					No.	Туре	Quantity	Wi/Vol
	· NON-HAZArdous W	ATST N	os.					
١,	(PIT WATER)					-	1	16
ı					10.0.1	11.7	05.0.00	7 5
G E	b.							
N E					1.			1
Ř	<b>c</b> .					1	<del>†</del>	
T	•							}
Ř						<u> </u>	<u> </u>	
	d.				l	İ		
					ĺ	-	Į.	{
'	D 1472 1D 222 6 H 221 12 44				E. Handling Cod	1 .	Contac Listand Aba	
1	D. Additional Descriptions for Materials Listed Al	D04 <b>6</b>			E. Handing Co.	103 101 11	rasies usied ADO	**
					)			
	15. Special Handling Instructions and Additional	l lafa-matica			l			····
	13. Special nanaling instructions and Additional	informotion						
1								
		-						
	16. GENERATOR'S CERTIFICATION: I certify the	materials described a	bove on this manifest pre n	ot subject to federal re	gulations for reportin	o proper	disposal of Hazard	ous Waste.
1		THE SHAP S		1/1/0	···		Month Do	•
1	AS ANNT FOR YON SHAIF OF		ites > Nu	V Ved			1.20	7 9.4
T R	17. Transporter 1 Acknowledgement of Receipt o	of Materials		<del></del>				
RAZSAORTER	Printed/Typed Name		Signature	60 m	"aula		Month Do	794
S	JOEK M HURY			11/2 /1/2	July	7	[ 2 0	11/7
Ą	18. Transporter 2 Acknowledgement of Receipt of Printed/Typed Name	or waterials	Signature				Month Do	y Year
E	ea, typed Home		organoloi e					, l
<del></del>	19. Discrepancy Indication Space	<del></del>			<del></del>			
	•						,	
FAC					•			
C		<del></del>						
Ļ	20. Facility Owner or Operator: Certification of r	eceipt of waste mat	erials covered by this mo	anifest except as note	d in Item 19.			
4			le:					
	Printed/Typed Name		Signature		•		Month Do	y Year
					1	وإدارتها	¥ 3.4	
		OPICINA	N DETUDN TO CE	<b></b>		12-6	BLS-C6 Re	v. 9/92

12.4 1310

							SILVE STATES	Alar "
	s print or type designed for use on eith (12-pitch) braceries, a mutuest				0	\$ 2.1		7
1	NON-HAZARDOUS WASTE MANIFEST	1. Generator's US EPA	D No.	Manifest Document Non WO.O.O.O.	2. Page 1 of			
	3. Generator's Name and Mailing Address J.P. SAAD Trous BALE SITE SUSS Trous BALE Dr. NAShu 4. Generator's Phone ( US ) 333-0		/			· · · · · · · · · · · · · · · · · · ·		
	5. Transporter 1 Company Name MC TANK Transport	6.	US EPA ID NU .0.9.8.7.0.	1.60.03				
	7. Transporter 2 Company Name	8. 	US EPA ID Nu			( 5)		2002
	19. Designated Facility Name and Site Address LAID JAW ENVIRONMENTAL S IN40 ANTICCH PIKE		•		B. Transporte C. Facility's P	r's Phone	415)7793-	
	ANTIOCH, TN 37013	17.7	.0.0.00.7.	7.227.7		Containers	5) 833-5 13. Total	2059 14. Unit
	" NOS-HAZAIdonS WATER	~ Nioisi			No	. Туре	Quantity	W1/Vol
G	(PIT WATER)				00	0.17.7	05.000	G
GENER				<del></del>	<u> </u>			
A T O R	<b>c</b> .							
Ì	d.							
CANADA SANA	D. Additional Descriptions for Materials Listed Ab	ove			E. Handling	Codes for W	astes Listed Abov	•
	15. Special Handling Instructions and Additional I							
	16. GENERATOR'S CERTIFICATION: I certify the Printed/Typed Name Cret VIVEAL		Signature	ubject to federal reg	gulations for repo	orting proper o	Month Day	
Ī	17. Transporter 1 Acknowledgement of Receipt of		Signature	ves			Month Da	Y Year
RANSPORTER	Printed/Typed Name  DE C. LEAR  18. Transporter 2 Acknowledgement of Receipt of	Materials	The	C. H	20/2		آآنگاهآ.	719.4
A TER	<u> </u>		Signature				Month Da	y Year
ì	19. Discrepancy Indication Space		•			_•		
- L   T Y	20. Facility Owner or Operator: Certification of re-	ceipt of waste materials co	overed by this manif	est except as note	id in Hem 19.			
'	Printed/Typed Name		Signature				Month Doy	Year

12-BLS-C6 Rev. 9/92

ese print or type rm designed for use on elite (12-ofteh) hamistics \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \			(A)	(63)	2			TC.
NON-HAZARDOUS WASTE MANIFEST	1. Generator's US EPA ID No.	Manifest Document Na	2. Page 1 of		·			
3. Generator's Name and Mailing Address T. P. SAAN Trans Address	- 111 2001							
3655 Trous AAIF Dr. NAS. 4. Generator's Phone (615) 333-0.	397							
5. Transporter 1 Company Name  MC TANK Transport  7. Transporter 2 Company Name	• • • • • • • • • • • • • • • • • • • •	10 Number 7.0.  .6.0.3	<u> </u>				-	
	<u> </u>		A. Transp	P		W15)79	7 25	700.1
9. Designated facility Name and Site Address LAIDIAW ENVIRONIMENTAL	SERVICES (WT) INC	יוי איז איז איז איז איז איז איז איז איז אי	B. Transp			בו נכונ	1-0	1300
1640 ANTICCH PIKE			C. Facility					
ANTICCH, TN 37013	T.N.D.O.C.	0.7.7.227:7	(6			-2059	7	
11. Waste Shipping Name and Description				2. Conto		13.	<del>-</del>	14,
				No.	Туре	Total Quantity	y	Unit Wt/Vol
· NON HAZARDONS WATE (PIT WATER)	IST NIOIS,							
					لدس		_	(
				201	7.7	05.00	201	7
b.				1		i	1	
					.			i
C.								
τ.				1		ĺ		:
			L		·	l <u> </u>		i
d.								
						l		i
				<u></u>		<u> </u>	لنـ	
D. Additional Descriptions for Materials Listed Ab	xové		E. Handli	ng Codes	i for W	astes Listed A	4pove	
		ļ						
15. Special Handling Instructions and Additional	Information							
	•							
Į	•		•					
16. GENERATOR'S CERTIFICATION: I certify the	materials described above on this manifest a	re not subject to federal reg	julations for	reporting	proper o	Jisposal of Haz	tardous	Waste.
Printed/Typed Name GTCG V.VE.		11/2	7	_		Month	Day	Year
AS ASSNIFOT LOW BSHAIF OF THE	SAAD SITESTOTION,	Jay UV Ca	<u> </u>			<u></u>	0.7	1 <i>99</i>
17. Transporter 1 Acknowledgement of Receipt of	f Materials COMMITTEE	h						
Printed/Typed Name	Signature/	1 D W	1.1	1		Month	Day	Year
Joe R. Mc Auley		Julk. In	(au	le	<b>z_</b>	(.4)	0.1	9.4
17. Transporter 1 Acknowledgement of Receipt of Printed/Typed Name O.C. M. Aule  18. Transporter 2 Acknowledgement of Receipt of Printed/Typed Name	f Materials .	<del></del>						
Printed/Typed Name	Signature		<del></del> _		-	Month	Doy	Year
						لنبلب	<u></u>	<u> </u>
19. Discrepancy Indication Space				•				
		•						
20. Facility Owner or Operator: Certification of re-	eceipt of waste materials covered by this	s manifest except as note	d in Item 1	9	-	_		
· · · · · · · · · · · · · · · · · · ·	<u> </u>				<u> </u>	·		
Printed/Typed Name	Signature					Month	Day	Year
1	1					1 . 1		1 .

"e e	se print or type in designed for use on elle (Chellett Immediate)		2 4	1312					
	NON-HAZARDOUS WASTE MANIFEST	1. Generator's U		Manifest Document No. W.O.D.O.Y	2. Pag	)* 1/			
1	3. Generator's Name and Mailing Address J. P. SAAD Trais DAIS SITE 3655 Trais DAIS Or, NASH 3656 Generator's Phone (615) 333-0:	will TN							
	5. Transporter 1 Company Name  M. C. TANK TRANSPORT  7. Transporter 2 Company Name			10 Number 7.0 . ) . 6.00 . 3 10 Number					
	9. Designated facility Name and Site Address  LA(DLAW ENV. FORMSNTAL SSRV.		10. US EPA	D Number		nsporter's F		615-743	-3802
	1640 ANTIOCH PIKE ANTIOCH, TN 37013		T.N.D.0.00	7.7.2.27.7	1 .	ility's Phone		2059	}
	11. Waste Shipping Name and Description					No.	Type	13. Total Quantity	14. Unit Wt/Vol
	· NON HAZAIDENS WATER (P.T WATER)	NIOSI				0.0.1	TT	05.0.0	20 (-
GEN	b.								
ERATOR	<b>c</b> .		<del></del>				· ·	<u> </u>	•
1	d.						<u> </u>		
	D. Additional Descriptions for Materials Listed Abo	· · · · · · · · · · · · · · · · · · ·			E. Hon	dling Code	os for W	astes Listed A	bove
1									
	15. Special Handling Instructions and Additional In	formation							
						<del></del> -			
1	16. GENERATOR'S CERTIFICATION: I certify the m  Printed/Typed Name GFE V, VG  AS ASSATECT ON SCHOLE OF TWO SAM  17. Transporter 1 Acknowledgement of Receipt of A	AL Ositi steeri	Signatur	2 VV Las	guiations	for reporting	proper	Month [/.2]	Day Year 0.7 9.4
	17. Transporter 1 Acknowledgement of Receipt of A Printed/Typed Name THE C. LEM	Aaterials (Aaterials	Signature	2 C. y	ca	1/2		Month ( · )	Doy Y501 0 > 9.4
2	18. Transporter 2 Acknowledgement of Receipt of A Printed/Typed Name	Aaterials	Signature					Month	Day Year
: 12	19. Discrepancy Indication Space						, <u>, , , , , , , , , , , , , , , , , , </u>		
	20. Facility Owner or Operator: Certification of rece	ipt of waste mate	rials covered by this	nanifest except as note	ed in Iten	n 19.		.,	
-	Printed/Typed Name		Signature					Monih   •	Day Year
					6			727	0.00

### ANALYTICAL INDUSTRIAL RESEARCH LABORATORY

4295 Cromwell Road, Suite 614 Chattanooga, Tennessee 37421-2177 (615) 894-8102

1 1313

LAB. NO.: 941104-17763

CUSTOMER:

1237

SIGNAL ENVIRONMENTAL SERVICES

P.O. BOX 4270

CHATTANOOGA, TN 37405

DATE RECD. : 11/04/94

SAMPLE DATE: 11/03/94

ATTENTION: MICHAEL MATTHEWS

:SAD11/3001W

(615) 265-9551 FAX:

DATE REQUESTED :

CUST P.O.: DEM-1

SAMPLE :SAAD NASHVILLE

E SAAD SITE WATER

ASAP

ANALYSIS

			M.D.L.	Methods	Date	Initia
BOD	31	mq/L	2	405.1	11-04-94	MG
TSS	81	mq/L	1	160.2	11-08-94	MG
TDS	400	mg/L	1	160.3	11-07-94	MG
MBAS	2.15	mg/L	Ø.Ø25	425.1	11-07-94	$\mathtt{PL}$
Ammonia	2.05	mg/L	Ø.Ø5	350.2	11-09-94	TB
рН	7.4	mg/L	N/A	150.1	11-04-94	PG
Oil & Grease	24.4	mg/L	Ø.1	413.1	11-09-94	$\mathtt{PL}$
TKN		mg/L	0.05	351.3	11-09-94	$\mathtt{TB}$
Iron		mg/L	0.007	200.7	11-09-94	DS
Manganese		mg/L	0.002	200.7	11-09-94	DS

"P TOXICITY CHARACTERISTIC CONSTITUENTS:

SEE ATTACHED



Notes:

ANALYTICAL INDUSTRIAL RESEARCH LABORATORIES

By Bay 3

## ANALYTICAL INDUSTRIAL RESEARCH LABORATORIES, INC. 4295 CROMWELL RD., STE 611 CHATTANOOGA, TN 37421-2177

AIRL SAMPLE I.D. •

17763

TCLP METHOD 1311

SIGNAL ENVIRONMENTAL SERVICES

**SAMPLE DATE: 11/03/94** 

SAMPLE: SAD11/3001W

EPA HW NUMBER	CONSTITUENT	REGULATORY LEVEL(mg/L)	MDL (mg/L)	RESULT (mg/L)	DATE ANALYZED	METHOD (8W-846)
TCLP VOLATI	LES (ZHS)					
D018	BENZENE	_{0.5}	0.1	ND	11/09/94	8240
D019	CARBON TETRACHLORIDE	0.5	0.1	ND	11/09/94	8240
D021	CHLOROBENZENE	100.	10.	ND	11/09/94	8240
D022	CHLOROFORM	6.0	1.0	ND	11/09/94	8240
D027	1,4-DICHLOROBENZENE	7.5	1.0	ND	11/09/94	8240
0028	1.2-DICHLOROETHANE	0.5	0.1	ND	11/09/94	8240
D029	1.1-DICHLOROETHYLENE	0.7	0.1	ND	11/09/94	8240
D035	METHYL ETHYL KETONE	200.	20	ND	11/09/94	8240
D039	TETRACHLOROETHYLENE	0.7	0.1	ND	11/09/94	8240
D040	TRICHLOROETHYLENE	0.5	0.1	ИD	11/09/94	8240
D043	VINYL CHLORIDE	0.2	0.1	ND	11/09/94	8240
TCLP SEMIVO	LATILES					
TCLP ACID	s					
D023	o-CRESOL	200	1.0	ND	11/09/94	8270
D024	m-CRESOL	200	1.0	ND	11/09/94	8270
D025	p-CRESOL	200	1.0	ИD	11/09/94	8270
D026	CRESOLS (TOTAL)	200	1.0	ND	11/09/94	8270
D037	PENTACHLOROPHENOL	100	1.0	ND	11/09/94	8270
D041	2,4,5-TRICHLOROPHENOL	400	1.0	ND	11/09/94	8270
D042	2,4,6-TRICHLOROPHENOL	2.0	1.0	ND	11/09/94	8270
	NEUTRALS	_				
D030	2,4-DINITROTOLUENE	0.13	0.05	ND	11/09/94	8270
D032	HEXACHLOROBENZENE	0.13	0.05	ND	11/09/94	8270
D033	HEXACHLORO-1,3-BUTADIENE	0.5	0.1	ND	11/09/94	8270
D034	HEXACHLOROETHANE	3.0	0.5	ND	11/09/94	8270
D036	NITROBENZENE	2.0	1.0	ND	11/09/94	8270
D038	PYRIDINE	5.0	2.5	ND	11/09/94	8270
TCLP PESTIC		-				
D050	CHLORDANE	0.03	0.01	ND	11/09/94	8080
D012	ENDRIN	0.03	0.01	ND	11/09/94	8080
D031	HEPTACHLOR	0.008	0.005	ND	11/09/94	8080
	-EPOXIDE	0.008	0.005	ND	11/09/94	8080
D013	LINDANE	0.4	0.1	ND	11/09/94	8080
D014	METHOXYCHLOR	10	1.0	ND	11/09/94	8080 8080
D015	TOXAPHENE	0.5	0.1	ND	11/09/94	8080
TCLP HERBIC				ND	1100004	8150
D016	2,4-0	10.0	0.5	ND	11/09/94	
D017	2,4,5-TP (SILVEX)	1.0	0.5	ND	11/09/94	8150
TCLP METAL				ND	44.00.04	8010
D004	ARSENIC	5.0	0.5	ND	11/09/94	6010 6010
D005	BARIUM	100	5.0	ND	11/09/94	6010 6010
D006	CADMIUM	1.0	0.1	ND ND	11/09/94	6010 6010
D007	CHROMIUM	5.0	0.5	ND	11/09/94 11/09/94	6010
D008	LEAD	5.0	0.5	ND	11/09/94	7470
D009	MERCURY	0.2	0.01	ND ND	11/09/94	6010
D010	SELENIUM	1.0	0.1	ND	11/09/94	6010
D011	SILVER	5.0	0.5	HU	1 1/ <del>1/ 1/ 1/ 1</del>	<b>50.10</b>

Performed in accordance with 40 CFR 261 (06/29/90)



ANALYTICAL INDUSTRIAL

9 ! 9							REMARKS
`	TIME TEMP 'C SEAL # CONDITION:	OPENED BY: DATE		S AIRBILL NO.	DATE TIME	AB BY:	RECEIVED FOR
		LAB USE ONLY	LAB				
<b>,</b> , , , , , ,	DATE TIME RELINQUISHED BY: DATE	ME RECEIVED BY:	DATE TIME	RELINQUISHED BY:	TIME RELINC	DATE TH	RECEIVED BY:
(	RELINQUISHED BY; DATE TIME	-				┥	HEMAHKS
G. \$							
D							
dec	of Sample @ 10						
(2)							
	1 6						SAD 11/3001W
	RETURNI CIN(TI)PY JENI	XXX	XXC	-	WA751		SHE HISOMAN
	LAB ID NO.	200 m	1777	DATE/	SAMPLE	FACTOR	FIELD SAMPLE ID
	VERBAL/FAX/HARDCOPY ASAP	79 25 25 Period		Up) of CO	grey 1	(Signature)	COLLECTED BY (Signature)
	DATE REPORT DUE	160		NTAIN	a.	SAAD STE	SIE NAME
	PROJECT#	ANALYSES /		_	10# 10#	hvills	SAAD NASh vills
	Record Page # / of # /	Chain of Custody Record	n of C	Chai			מים ו
		165-9551	615-165	6			
		7437405	Chart 7	2			
		Actures R	900 MANUFACTURES	20	37421-2177	CHATTANOOGA, TN 37421-2177	CHATTAI
	Invoice To:	ENV. LON MENTAL	101	Rep	EARCH LABORATORIES,   4295 CROMWELL RD.: SUITE 611	LABORA	RESEARCH LABORATORIES, INC. 4295 CROMWELL RD SUITE 611
			7.		10110	]	25)

## APPENDIX 7

		•	2 4	131	7				
	UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator's L	IS EPA ID No. .5.8.33\$	مھ.ا	Manifest cument No.	2. Pag			e shaded areas is ederal law.
	3. Generator's Name and Mailing Address					Adolo	Monitest Docu	ment Nur	pber.
	J. P. SAAD TROUSDAIS S. 3655 TrousDAIS Dr. ALAS	VIIIE TH	37211				Me and notes		
	4. Generator's Phone (615 ) 333-0	397					Generalors ID		M M Jahrim and Andrews
Ì	5. Transporter T Company Name			A ID Numbe			o Licusporte (*		
	7. Transporter 2 Company Name		ALD 06			Manager and Control	MATERIAL PROPERTY		
	7. Tronsporter 2 Company Frame		8. US EI	A IU NUMDA		-	a porte 7 Mon P	Octor 1	77 4 7/5
	9. Designated Facility Name and Site Address			A ID Numbe			FOUR PLOT	84, 57, 4 684, 72, 43	121112
	CHEMICAL WAST MWASEMEN	TAL.					Property Till		·
	4636 ADAM! COUTST ROAD			761	1146	H. Fac	19-447-	94	• <
}	11. US DOT Description (Including Proper Shippin		IN.0.0.7		12. Cont		13.	14.	
	HM	y			No.	Туре	Total Quantity	Unit Wt/Vol	l. Waste No.
	· V RR, HAZAIdons WASTE		o.s. (Doyo	,),					Doyo
	1 9, NA 3077 P6 II	18040]	· · · · · · · · · · · · · · · · · · ·	·	00.1	DI	46000		Deg
	b.		· • • •						
	<u> </u>								<u> </u>
İ	c.								
	i								-  -
	d.	·			<del>-   · · · ·  </del>			<del> </del>	ļ
	v						· · · ·		
	J. Additional Descriptions for Molerials Usined About the Language of the Language of the Language of the Language of the Language of the Language of the Language of the Language of the Language of the Language of the Language of the Language of the Language of the Language of the Language of the Language of the Language of the Language of the Language of the Language of the Language of the Language of the Language of the Language of the Language of the Language of the Language of the Language of the Language of the Language of the Language of the Language of the Language of the Language of the Language of the Language of the Language of the Language of the Language of the Language of the Language of the Language of the Language of the Language of the Language of the Language of the Language of the Language of the Language of the Language of the Language of the Language of the Language of the Language of the Language of the Language of the Language of the Language of the Language of the Language of the Language of the Language of the Language of the Language of the Language of the Language of the Language of the Language of the Language of the Language of the Language of the Language of the Language of the Language of the Language of the Language of the Language of the Language of the Language of the Language of the Language of the Language of the Language of the Language of the Language of the Language of the Language of the Language of the Language of the Language of the Language of the Language of the Language of the Language of the Language of the Language of the Language of the Language of the Language of the Language of the Language of the Language of the Language of the Language of the Language of the Language of the Language of the Language of the Language of the Language of the Language of the Language of the Language of the Language of the Language of the Language of the Language of the Language of the Language of the Language of the Language of the Language of the Language of the Language of the Lang	Repair of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the se	Cesanbin		WM EA	D.	The exploration of a service of the exploration of the exploration of the exploration of the exploration of the exploration of the exploration of the exploration of the exploration of the exploration of the exploration of the exploration of the exploration of the exploration of the exploration of the exploration of the exploration of the exploration of the exploration of the exploration of the exploration of the exploration of the exploration of the exploration of the exploration of the exploration of the exploration of the exploration of the exploration of the exploration of the exploration of the exploration of the exploration of the exploration of the exploration of the exploration of the exploration of the exploration of the exploration of the exploration of the exploration of the exploration of the exploration of the exploration of the exploration of the exploration of the exploration of the exploration of the exploration of the exploration of the exploration of the exploration of the exploration of the exploration of the exploration of the exploration of the exploration of the exploration of the exploration of the exploration of the exploration of the exploration of the exploration of the exploration of the exploration of the exploration of the exploration of the exploration of the exploration of the exploration of the exploration of the exploration of the exploration of the exploration of the exploration of the exploration of the exploration of the exploration of the exploration of the exploration of the exploration of the exploration of the exploration of the exploration of the exploration of the exploration of the exploration of the exploration of the exploration of the exploration of the exploration of the exploration of the exploration of the exploration of the exploration of the exploration of the exploration of the exploration of the exploration of the exploration of the exploration of the exploration of the exploration of the exploration of the exploration of the exploration of the exploration of	tanse sand tealinest scriptus yo VAFY 2 N CO	77 27/3
	16. GENERATOR'S CERTIFICATION: I hereby decle packed, marked, and labeled, and are in all respect				accurately desc	ribed abo	ove by proper ship	ping name	and are dassified,
	If I am a large quantity generator, it certify that economically practicable and that I have selected threat to human health and the environment; OR, waste management method that is available to me a	have a program the practicable met	in place to reduce t hod of treatment, st	he volume an orage, or disp	d toxicity of w	oste gen ovailable	eroted to the deg to me which min	ree I have imizes the	present and future
		SAAD SITE		11	11/1			. M	onth Day Year
-		ring Commit		ey V	V KN				20.19.4
	Pripad/Typed Name	maining	Signature	)	off 0	V),	mull-10		onth Day Year A
-	18. Transporter 2 Acknowledgement of Receipt of	Materials	· · · · · · ·	sepin.	<u>~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ </u>	,,,,* <u>¢</u>			
	Printed/Typed Name		Signature						onth Day Year
Ī	19. Discrepancy Indication Space								
	A Company Company								i. N
									Ì
	20. Facility Owner or Operator: Certification of rec	ceipt of hazardous		by this manif		noted is	n Item 19.		
	Printed/Typed Name		Signature					м	onth Day Year
١	the state of suppliers the beautiful to the state of	<u></u>	A CONTRACTOR CO.		<del></del>		•		
		ري (۱۳۰۰) مورد (۱۹۰۹) هما ميلا در در د	gainer "Ç'alı. <del>Permene P</del> aratorika Maye Maya evanı	gimunariçe ge	ing a constant				\$
		. ′ - GI	ENERATOR'S		€gen. <del></del> + a				4

	UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator's US EPA		Manifest Pocument Nov	2. Pa			e shaded areas is ederal law.
-	3. Generator's Name and Mailing Address	-						
	3655 Franchis Ar. NAChu 4. Generator's Phone (615) 333-6	THE THE STAN	,		8.	A CAMPAGE OF		100 7
	5. Transporter 1 Company Name	6.	US EPA ID No	umber		ne Trulips fore		CAU (AII)
	7. Transporter 2 Company Name	AL	US EPA ID NO			Insporter (Phone		744-8440
	7. Humsporter 2 Company Number	i.		· · · · ·	F. Tro	nsporter's Phone		(c. 508)1 _
	9. Designated Facility Name and Site Address Chimical Waits many Agence	10.	US EPA ID No	umber	7 10	mponers Phone		AT BEET TO SERVICE
	4636 ADAMS CINTER ROAD	Ha	1.0.p.7.8.9	. 1 . 1 . 1 . 4 . 1	. See The	9-1417	- F	5
	11. US DOT Description (Including Proper Shippin				ntainers Type	13. Total Quantity	14. Unit Wt/Vol	l. Woste No.
	· V RA, HAZARDONS WASTR	Solid Nies.	(DO10)		1,750	Godiniy	111/ 101	
	1 9, NA3027 PGI	II- (De040)	n to Vonge.	001	10.7	46000	ρ	10%
GEN	b.   '							i ava
ERA					+		<del> </del>	
T O R					1.			
	d.				<del>                                     </del>		1	,
					<u> </u>			- <u> </u>
	A. Additional Description of Modernals United Ab. Additional Personal Vision of Modern (1887) representation of Modernal Vision	Management of the Parket of th		A Comment	2	ndling Codes for:	entry Maj	Production of
	in the control of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of	i saat oo maanininta labom	hitly fray	w seems and	OF 31	site siddress of the parties of the	क्षेत्रा शर्भा	215 OF The C
	15. Special Handling Instructions and Additional RETURN MANIFECT TO: P.O. C.	Information	190	CWM Ex	ESGE.	1cy Krsp. 1800-	Mester Mester	INFO
	1	.TN 37405				, –		r E 113
	16. GENERATOR'S CERTIFICATION: I hereby dec	fare that the contents of this	consignment are fully	<del>4 / //</del>		-925 <b>9</b> 5.		and are classified,
	packed, marked, and labeled, and are in all respectiff 1 am a large quantity generator, 1 certify that							
	economically practicable and that I have selected threat to human health and the environment; OR waste management method that is available to me	the practicable method of if I am a small quantity g	treatment, storage, o	c_disposal currently	/ availabl	e to me which mini	mizes the	present and future
	Printed/Typed Name  A: A: TAT FOT + DA A(HALF OF	THE SAAD SITE		14-1	11/	and a	, M	onth Day Year
T R	17. Transporter 1 Acknowledgement of Receipt of			7				
エイスのひ	Printed/Typed Name		Signature )	e de	(0)		تــــــ	10718.4
ORTER	18. Transporter 2 Acknowledgement of Receipt of Printed/Typed Name	Materials	Signature					onth Day Year
R	19. Discrepancy Indication Space		1/2/1/200	etti. Kana Taliya				<u>- 1 - 1 </u>
F				•				•
AC.						<del></del>	· · · · · · · · · · · · · · · · · · ·	
L	20. Facility Owner or Operator: Certification of re	eceipt of hazardous materi	ials covered by this	manifest except (	s noted	in Item 19.		
	Printed/Typed Name	· · · · · · · · · · · · · · · · · · ·	Signature					onth Day Year
	1		a craemed arthur	nennyi hari d 10-0 denga	•		دان	
		Hearth on the big page	RATOR'S COPY	general register				(4)

if or	n designed in type				- mar/11			
<b>-</b>	UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator's US EPA ID No.	3.5.4.3 A	Manifest bcument Na 00.03	2. Page of			shaded areas is ederal law.
	3. Generator's Name and Mailing Address J.P. SAAD Tro-SDAIS STR 3655 TrowsDAIS Dr. NASh	C 37211	•		. <del></del>	Manifest Docum	nent Num	ber
	4. Generator's Phone (6/5) 333-	0397				Generator's ID		
	5. Transporter 1 Company Name $RCBB'ED_{i}WCDD$		US EPA 10 Numb	1		Transporter's ID porter's Phone		14-8440
	7. Transporter 2 Company Name	8. I	US EPA ID Numb	er	E. State	Transporter's ID		
	9. Designated Facility Name and Site Address Chemical Wiscemburgs	: = :	US EPA ID Numb	er		Facility's ID	-	
	5.7 WAYNE IN 46806	IF.N.D.	1.78.9.1	1.1.46		y's Phone - 447-55	-85	
	11. US DOT Description (Including Proper Shippin	g Name, Hazard Class, and ID No	umber)	12. Conto	iners Type	13. Total Quantity	14. Unit Wt/Vol	l. Waste No.
	· Ra, HAZARdus WASTS,	•	),		<u> </u>		ا م	<b>A</b>
G	1 9, NA 3077 PETT (	Doyo)		0.0.1	D.714	1.6.0.00	P	D040
ENER								
A T O R	c.							
	d.							
	J. Additional Descriptions for Materials Listed Ab				<u>l</u>	ling Codes for V		
	BR 5960  15. Special Handling Instructions and Additional RETURN MANIFACT TO & P.O. BOX	4270		-WM EM		BI LANA! Ney Resp 00-765-		JNF0
		TN 37405	2.	1hr#1	800-	925-95	51	<u> </u>
	16. GENERATOR'S CERTIFICATION: I hereby decpocked, marked, and labeled, and are in all respected.  If I am a large quantity generator, I certify that economically practicable and that I have selected threat to human health and the environment; OR waste management method that is available to me.	ts in proper condition for transport by I have a program in place to re- i the practicable method of treatment, if I am a small quantity generate	rhighway accordin duce the volume c ent, storage, or di	g to applicable in and toxicity of w sposal currently	ternational aste gener available t	l and national gover tated to the degree to me which minit	remmental ree 1 have mizes the	regulations. determined to be present and future
		THE SAHA SITE Sign	ature of	War			11	Day Year
TRAN	17. Transporter 1 Acknowledgement of Receipt of		and	den	7			onth Day Year
S	18. Transporter 2 Acknowledgement of Receipt of	Materials	<u> </u>	<i>112/1/2</i>		· · · · · · · · · · · · · · · · · · ·		2 0777
RTER	Printed/Typed Name	Sign	ature				, M	onth Day Year
F	19. Discrepancy Indication Space							
LITY	20. Facility Owner or Operator: Certification of re	ceipt of hazardous materials co	vered by this mai	nifest except as	noted in	Hem 19.		
Υ	Printed/Typed Name	Sign	atur•					onth Day Year
PA	Form 8700-22 (Rev. 9-92) Previous edition obsolete.	ODIOINAL DETUDA	TO OSNED	700		-250) (100)	1	7, BLS-C6

sease print or type							10.44
UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator's US EPA I		Manifest Document No.	2. Page 1 of			shaded areas i ederal law.
3. Generator's Name and Mailing Address T.P. SAAD TRUSDAIE SITE SUSS TrowsDAIE DO NASAV.	115 TN 37211				anifest Docum	nent Nur	ber
4. Generator's Phone (6/5) 333-0  5. Transporter 1 Company Name	397	US EPA ID N	ımber	C. State Tr	ansporter's ID	<del></del>	
ROBB. & D. WOOD		D.O.6.7.1		D. Transpo	rter's Phone	205-7	744-844
7. Transporter 2 Company Name	8. 	US EPA ID N	omber	F. Transpor	onsporter's ID iter's Phone		
9. Designated Facility Name and Site Address Chemical WASTE MANASCHE H636 ADAMS CENTER ROAD	NT, INC. 10.	US EPA ID N	nuper	G. State Fo			
FOST WAYN'T IN 46806	EN	10.7.8.9			447-	55	85
11. US DOT Description (Including Proper Shipping	Name, Hazard Class, and	I ID Number)	12. Cont No.	i	13. Total Quantity	14. Unit Wt/Vol	l. Waste No.
· RQ, HUZArdons WASTE,	•	040),	00.1	D.T 4	2000	ρ	DOYB
G b.							· · · · · · · · · · · · · · · · · · ·
R A C.							
d.							
J. Additional Descriptions for Materials Listed Abo				D-8	Codes for V	AFI.	//
15. Special Handling Instructions and Additional In RETUIN MANIFEST TO I P.C. C Chatt.			CWM EMI	-			INFO 713
16. GENERATOR'S CERTIFICATION: I hereby declor packed, marked, and labeled, and are in all respects of I am a large quantity generator, I certify that economically practicable and that I have selected threat to human health and the environment; OR, waste management method that is available to me ar	in proper condition for trans I have a program in place the practicable method of t if I am a small quantity go	consignment are fully port by highway acco to reduce the volur treatment, storage, o	and accurately describing to applicable in a and toxicity of wire disposal currently	ribed above b nternational ar aste generate available to r	by proper shipp and national gover and to the degr and which mining	oing name ernmental ee I have nizes the	regulations. determined to present and fut
AS A: CNT For Fow Billiot 0 F ST		Signature	Wes				·207
Printed/Typed Name  Charles  18. Transporter 2 Acknowledgement of Receipt of	Materials	Signature	e, l	Jun		Į,	210:719
Printed/Typed Name  18. Transporter 2 Acknowledgement of Receipt of a Printed/Typed Name		Signature			-		onth Day Y
19. Discrepancy Indication Space							
20. Facility Owner or Operator: Certification of rec	eipt of hazardous materic	als covered by this	manifest except as	noted in Item	n 19.		
Printed/Typed Name		Signature					onth Day Ye

2 4 1321

on e		se print or type						or in The East	<b>5</b> c
1		UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator's US EPA ID No.  T.N.J. 0.6.5.8.3.3.5.4.3	Manifest Document No.5	2. Page		ion in the sired by Fed		os is
		3. Generator's Name and Mailing Address J. P. SAAD Trous DAIE S 3655 Trous DAIS Dr. NAS	;;*TE			Manifest Docur	nent Numb	or .	
100		4. Generator's Phone (6/5) 333 ~	2397						
		5. Transporter 1 Company Name  Nort Toucking Co.	Tale 10.400.099			Transporter's IC		7KC	Oh
		7. Transporter 2 Company Name	8. US EPA ID 1		<del></del>	Transporter's ID			77
Š		Designated Facility Name and Site Address	10. US EPA ID I	· · · ·		porter's Phone Facility's ID			
		Chemical Waste MWAYER 4636 ADAMS CENTER ROA	YENT INC.	101110-01					
		FOIT WAYNE IN BULL		1.1.1.146	•	ty's Phone 1-447-5	585		
		11. US DOT Description (Including Proper Shippin		12. Cont	1	13. Total	14. Unit	I, Waste h	lo.
		· V RO, HAZALDOUS WASTA	5,501:A, Nes (Do 40),	No.	Туре	Quantity	Wt/Vol	77 0318 1	10.
		19, NA 3027 PG III	•	on al	10-7	46.000	0	1040	,
y G E	٤	b.   1, VA 367 7 7 0	. 118 (6)		<i>M</i> /	78000		(0	
Z	i								
GENERATOR	1	с.							
C P								·	
		d.							
					<u>  ·  </u>				
		J. Additional Descriptions far Materials Eisted Ab	ove		K. Hand	lling Codes for \	Wastes Liste	d Above	
1					_	<b>5</b> 2 / 4	4/		
		15. Special Handling Instructions and Additional	Information		·	81 LANA			
Ž.		RETURN MANIFEST TO: P.C.	- bx 4270	CWM EM	7g 5N	cy K5590 1-800	.765.	FN F0 -8713	3
<b>Y</b>		Z	ATTANOOSA TN 37405	24 HM	#18	00-925	-955/	)	
		16. GENERATOR'S CERTIFICATION: I hereby dec packed, marked, and labeled, and are in all respec							sified,
		If I am a large quantity generator, I certify that economically practicable and that I have selected	d the practicable method of treatment, storage,	or disposal currently	available :	to me which mini	mizes the p	resent and	future
		threat to human health and the environment; Of waste management method that is available to me		ade a good faith eff	ort to mini	mize my waste g	eneration ar	nd select the	e best
Š		Printed/Typed Name  As Asject For June BANGHAIFUE 2  17. Transporter 1 Acknowledgement of Receipt of	The SHAN SITE Signature	new UV.	e.l		Mon	11h Doy [] [2.8]	Year Gy
Į	ŗ				47		Mor	ith Doy	<u> </u>
E 4 200	3	Printed/Typed Name James L Crus	Signatural Signatural Signatural Signatural Signatural Signatural Signatural Signatural Signatural Signatural Signatural Signatural Signatural Signatural Signatural Signatural Signatural Signatural Signatural Signatural Signatural Signatural Signatural Signatural Signatural Signatural Signatural Signatural Signatural Signatural Signatural Signatural Signatural Signatural Signatural Signatural Signatural Signatural Signatural Signatural Signatural Signatural Signatural Signatural Signatural Signatural Signatural Signatural Signatural Signatural Signatural Signatural Signatural Signatural Signatural Signatural Signatural Signatural Signatural Signatural Signatural Signatural Signatural Signatural Signatural Signatural Signatural Signatural Signatural Signatural Signatural Signatural Signatural Signatural Signatural Signatural Signatural Signatural Signatural Signatural Signatural Signatural Signatural Signatural Signatural Signatural Signatural Signatural Signatural Signatural Signatural Signatural Signatura Signatural Signatura Signatura Signatura Signatura Signatura Signatura Signatura Signatura Signatura Signatura Signatura Signatura Signatura Signatura Signatura Signatura Signatura Signatura Signatura Signatura Signatura Signatura Signatura Signatura Signatura Signatura Signatura Signatura Signatura Signatura Signatura Signatura Signatura Signatura Signatura Signatura Signatura Signatura Signatura Signatura Signatura Signatura Signatura Signatura Signatura Signatura Signatura Signatura Signatura Signatura Signatura Signatura Signatura Signatura Signatura Signatura Signatura Signatura Signatura Signatura Signatura Signatura Signatura Signatura Signatura Signatura Signatura Signatura Signatura Signatura Signatura Signatura Signatura Signatura Signatura Signatura Signatura Signatura Signatura Signatura Signatura Signatura Signatura Signatura Signatura Signatura Signatura Signatura Signatura Signatura Signatura Signatura Signatura Signatura Signatura Signatura Signatura Signatura Signatura Signatura Signatura Sig	vo L	Os	ung 93	2 1/2	2108	9.4
SPORTER	2	18. Transporter 2 Acknowledgement of Receipt of Printed/Typed Name	f Materials Stanature		<u></u>		Mon	ih Day	Year
, j	Ē		·		<del></del>			<u> </u>	Ŀ
		19. Discrepancy Indication Space		,					
<u>,</u>	_								
A L L L		20. Facility Owner or Operator: Certification of re	eceipt of hazardous materials covered by thi	s manifest except as	noted in	Item 19.			
E Y		Printed/Typed Name	Signature	-	· · · · · · · · · · · · · · · · · · ·		Mon	th Day	Year
EP.	^	Form 8700-22 (Rev. 9-92) Previous edition obsolete.			915			7-8L	S-C6

Plea (Fac	ise print or type (1) (1) (1) (1) (1) (1) (1) (1) (1) (1)			<b>4</b> 1					Se year		20 出版	اد کارا محمد
		HAZARDOUS MANIFEST	1. Generator's L T.N.A.O.6	IS EPA ID No. .53.3.5	4.3 A.	Vanifest	2. Pag				shaded ar ederal law.	reas is
1	3. Generator's Name of	nd Mailing Address					A. Sta	te Manife	st Docum	ent Nun	ber	
	3655 Trino 4. Generator's Phone (	615 ) 333 -c	160:118 7N 0397	37211			B. Stat	le Genero	itor's ID			
	5. Transporter 1 Compo	ony Name		6. USE	PAID Number フノア(	7891		te Transpo nanosteria			44.84	<i>U</i> 6
	7. Transporter 2 Compo				<u>ده در ۲۰۰۰ کا</u> PA ID Number			e Transpa		02-7	9-7	70
	9 Decided to siting N	lame and Site Address	A.W	10. US E	A ID Number	· · ·		nsporter's te Facility				
	Chemical wa	SIE WAS FI SE S CONSER RD. M	ANAGEMENT.	-10. 03 E	A ID INGINIDAL	i		ility's Phor				
•		=N 46806	•	IIN. DO. 7	R.9.1.1	.1.46		9-44.	_	8.5		
	11. US DOT Description	(Including Proper Shippi				12. Cont	Type	13 Tota Quan	al l	14. Unit WI/Vol	l. Waste i	No.
	1 1 1 1	rardous wasys	•	.S. (Do4c),						^		
	M 9, NA 3	3077 PhIE (	8040)			00.1	D.T	470	00	$P_{-}$	1040	,
GENE												
R A T O	с.											
Ř	d.					<u> </u>	·	• •				
1											-	:
1	J. Additional Description	ns for Materials Listed Ab	oove .				K. Har	ndling Coo	des for W	Vastes Li	ted Above	
	C 0 :==						۱.	0 /		1-4	,	
	BR 5960	structions and Additional	Information		c w	m Emi	155NG	- 9 1	LAN	04,7	<u>, , , , , , , , , , , , , , , , , , , </u>	
		CST To: P.c. 3							0 76			
		Lnur	. 17. 2		24/	Hr #	1-80	0-925	5.95	51		
		TIFICATION: I hereby de labeled, and are in all respe										
	economically practical	tity generator, I certify that the and that I have selected thand the environment; O	d the practicable me	thod of treatment, s	orage, or dispo	sal currently	available	e to me wi	hich minin	nizes the	present and	future
		sthod that is available to me	and that I can offord.		<del></del>	" /	/				onth Day	Year
_	AS ASENT FEE +	ENSCHAIFEF STI	s saad site	TEE	J ring l	Wad					2018	19.4
TRA	Printed/Typed Nam	wledgement of Receipt of	of Materials	Signotori	, 4	9.		. — —		м	onth Day	Year
TRANSPORTER	Lairy Be	11		Fan	9 III	ald	<u>^</u>				12 08	194
O R T	18. Transporter 2 Ackno	wledgement of Receipt o	of Materials	Signatur	<i></i>						onth Day	Year
ÈR	19. Discrepancy Indicati					··*·					<u>:   :</u>	<u> </u>
F	17. Discrepancy maleum	on space										
Ĉ.	20 Facility O O				hu this marife		antad i	n Ham 10				
Į Į		perator: Certification of r	eceipt of nuzuraous	······································		except di			•	····	<del></del>	
F	Printed/Typed Nam		····	Signature	· 	<u>.</u>					onth Day	Year
EPA	Form 8700-22 (Rev. 9-92) Pre	eine die eiten obsolete die die vious editlen obsolete die die die die die die die die die di	ORIGINA	L-RETURN TO	GENERAT		10.540		and on the		7-BL	₹~.: -S-C6 (%)

n desired the year confidence in						ع المحاد	544.	r1 .		
UNIFORM HAZAR WASTE MANIF		1. Generator's US	5-8-3-3-5-4	Moning Occume	int No	2. Pag of	1			shaded areas is ederal law.
3. Generator's Name and Mailing	Address					A Stat	e Manif	est Docum	ent Nur	iber
3655 Trombale Or.	NASh vill	15 72 3721				B. Stat	• Gener	ator's ID		
4. Generator's Phone (6/5-)  5. Transporter 1 Company Name	>55-0		S. US EPA ID			C. Stat	e Transp	porter's ID		
ROEBIC A Wich			A.LO.0.6.7.	1.3.88	2.7.1					7448440
7. Transporter 2 Company Name			B. US EPA ID	Number				orter's ID	255	
9. Designated Facility Name and	Site Address		10. US EPA ID	Number	• • •		sporter's			
Chimical WASKE MA	NAS EMEN		iv. US EFAID			J. 3101				
HUGE ADAMS CENTER		ļ	IN. 1.0.7.8.	9.1.1.1	46		ility's Pho	one 7-5	585	
11. US DOT Description (Including					2. Conti	ainers	1 To	3. Ital	14. Unit	l.
9. V PA HAZACI.	114076 6	11 J. 1.	(1040)		No.	Туре	Qua	intity	Wt/Vol	Waste No.
X Na, Ma-Alzes			. [2010]		!	4-	42	QdQ	p	4 -11 -
b. 19, NA 3077	PEI	(DO40)			7 <u>0</u> -1	10:1	1 4		1	1040
										1
					· · ·	·	<u></u>	<del></del> -		
с.				ļ						
	<del> </del>				• •			• •		
d.										
J. Additional Descriptions for Mat					• •	لنيا				ted Above
B R 5960 15. Special Handling Instructions RETERM MANIFEST TO	: P.c. Dox	(4270		CWM	EMI	rysn	1-80	1. L R5 Sp.	ANA ense 65-8	F11/ FNFO 713
	ChaTTAN	VECSH TN 3.	(40)	2460						
16. GENERATOR'S CERTIFICATIOn packed, marked, and labeled, an	N: 1 hereby dec	fare that the contents	of this consignment are fo or transport by highway a	ulty and accur	ately desc	ribed abo	ove by po	roper shipp	oing name	and are dossified.
If I am a large quantity general economically practicable and the threat to human health and the waste management method that is	tor, I certify that it I have selected environment; Of	1 have a program in I the procticable meth I, if I am a small que	n place to reduce the vo	olume and tox e, or disposal	icity of w	asta gen available	erated to	o the degr which minir	ee I have nizes the	determined to be present and future
Printed/Typed Name		The SAAD SIT	Signature	1 //	1,1				A4 1 1	onth Day Yeo
HS MS [NT For Van BS A 17. Transporter 1 Acknowledgeme	HIF OF S	CEEC 45 COUNT	THE X A	iy UV.	Kal	·-,			1/	·216.814.
Printed/Typed Name	,		Signature		<del>ラー</del>		1			onth Day Yea
18. Transported 2 Acknowledgeme	A CO	f Materials	100	7	Zan)	(H	24			1. 40:01 F.
Printed/Typed Name			Signature	<i>V</i>					1	onth Day Yea
19. Discrepancy Indication Space				······································			<u> </u>			
20. Facility Owner or Operator: C	ertification of re	eceipt of hazardous	materials covered by t	his manifest e	except as	noted in	n Item 19	9.		
Printed/Typed Name			Signature				<del></del>	· · · · · · · · · · · · · · · · · · ·		onth Day Yea
· ····································		·	Signolore							· 1 · 1 ·
Form 8700-22 (Rev. 9-92) Previous edition		onioinia.	-PETHEN TO GE	ALCO 4 TO 5					- Siret	GBLS-C

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name Signature

Aonth Day Yea

int or type	MANIFEST  T.N.D.O.6.5.8.3.3.5.4.3170  A. Steak Manifest Document Number  D. W. Start Manifest Document Number  B. State Generator's ID  A. Steak Manifest Document Number  B. State Generator's ID  A. Start Manifest Document Number  C. State Transporter's ID  T.N.D. D. S. Transporter's ID  T.N.D. D. S. Transporter's ID  T.N.D. D. S. Transporter's ID  T. Transporter'									
UNIFORM	HAZARDOUS MANIFEST			Manifest Apocument Nor:	1 .					
3. Generator's Name	and Mailina Address				A. State /	Manifest Docur	nent Num	ber		
36.55 Tre-	SDAISDI. NA	ShullE TN37.	2//		B. State C	Generator's ID				
4. Generator's Phone	(615) 33	3-0397								
5. Transporter 1 Com	npany Name	6						44.201:0		
7. Transporter 2 Com					7			173 790		
					<del> </del>					
Chinical	WASTE MANA	י אעד קדיניקיים	US EPA ID	Number	G. State i	facility's ID	•			
4636 ADH	MS CINTER R	U AND			1			,		
					<del></del>		T : T	·		
HM;	on (Including Proper Si	ARDOUS  II. Generotor's US EPA ID No.  IIFEST  T. D. C. G. S.	••							
· \ Ra, r	HAZArduis n									
X 9 N	133077 P		DOYA							
7 7	11 70 7 7 . 6	2 (0010)			1	1000				
b.										
c.					-   -					
c.				-						
				· ·	<del>                                     </del>	<del></del>				
d.					1 1					
				<u></u>	<u>                                     </u>	· · ·				
J. Additional Descrip	tions for Materials Liste	ed Above			K. Handli	ng Codes for V	Vastes List	ed Above		
								•		
BR 5960										
				CWM EM	Ergino	y REST	سج 2 لا 10	INFU		
KETICH MAN	chi	ATT. TN 37405					65-8	7/3		
	· · · · · · · · · · · · · · · · · · ·		2	441# 1-80	0-925	-9551				
If I am a large que economically practic	uantity generator, I certificable and that I have se	y that I have a program in pletted the practicable method	lace to reduce the vol of treatment, storage	lume and toxicity of v , or disposal currently	vaste genera available to	ted to the degr me which mini	ree 1 have mizes the p	determined to be present and future		
threat to human he	ealth and the environmen	nt; OR, if I am a small quantit	y generator, I have m	nade a good faith eff	ort to minimi	ze my waste go	eneration o	and select the best		
Printed/Typed No	ome	-45 SAAN SITE		11/1	1,1		Mo	onth Day Year		
AS Hy:NI FULL	ten BEHALFOF	SITMING COMMITT		reg UV	1	<del></del>	1/-	103 94		
Printed/Typed No		-10 - in		7. ///	1/2	1	Mo	onth Doy Year		
Willie	· tc	KtnEK		Me	100	(ne)	1	# 102/14		
Printed/Typed No.		pipt of Materials	Signature				Ma	onth Day Year		
1								<u>. 1 . 1</u>		
19. Discrepancy Indic	ation Space									
		······································	····-							
20. Facility Owner or	Operator: Certification	n of receipt of hazardous ma	terials covered by th	is manifest except a	s noted in Ite	em 19.				
Printed/Typed No	ome		Signature			<del></del>	Мо	nth Day Year		
<u> L</u>	ing an algebra and in the same	75001								
F	मान्य अस्तर्वेद्धानिक स्ति । इति स्ति स्ति । स्ति विकास	×,4			יהושלעות	34 J. 18 18 18 18 18 18 18 18 18 18 18 18 18	1. 12. 15.	Branch has p		

1

rm designed for					1 A 3 M A 3	To sell the		My granica and a
V	FORM HAZARDOUS VASTE MANIFEST	1. Generator's US	EPA ID No. 5.8.3.3 543	Manifest Pocument No	2. Pa			e shaded areas ederal law.
Δ	SAAD True SNAIS S	575	71//		A. St	ate Manifest Docu	ment Nur	mber
3655 4. Generate	Trushale Dr. NAS ors Phone (615) 333-0	1797	,,,,,,		B. Ste	ate Generator's ID		
	er 1 Company Name	6				ate Transporter's II		5017
	Si - D · W Co D	l	A. L.Q. a. 6 . 7. 1 US EPA ID N		1	ansporter's Phone ate Transporter's II		44.8440
	or a company round	Ĭ			ļ	insporter's Phone		
Chonic	ed facility Name and Site Address		O. US EPA ID N	umber	G. SI	ate Facility's ID		
1.	NAME IN 46806	}-	F.N. d. 0. 7.8. 9	.1.1.1.4.		cility's Phone	55 E	,2-
11. US DOT	Description (Including Proper Shipp			12. Co	ntainers	13. Total	14. Unit	I. Waste No.
a. 1/ R	Q, HAZAr Deus WASY	E. SoliA, NS	OS. (DUYO),	No.	Туре	Quantity	Wt/Vol	Waste No.
1 11 1	1, NA 3077 PG			00	111.7	46.000	P	A040
b.	1, 80 20 27 1 62	- (20 (0)			14.	1000		70
с.								
d.		<del> </del>						
								ļ.
J. Additiona	l Descriptions for Materials Listed A	bove			K. Ho	indling Codes for	Wastes Li	sted Above
								•
BRE	5960				٨	-81 LANI	1 E. 1	1
15. Special	Handling Instructions and Additiona		Cı	UM EMEN	:L 2 = y	RS Noge 85	TU	/F _C
RETURA	MANIFUST TO : P.	0. BOX 4270 ATT, TN 379		•	1-8	00-765-8	213	
1		#/// //-		24 4-41	Car		-,	
	L n			ay hr /	- DUU-	415/455	• /	
	TOR'S CERTIFICATION: 1 hereby do			and occurately d	escribed a	bove by proper ship	ping nam	
packed, m	TOR'S CERTIFICATION: 1 hereby disparked, and labeled, and are in all responsing quantity generator, 1 certify the	ects in proper condition fo at I have a program in	r transport by highway according to reduce the volume.	r and accurately d ording to applicab me and toxicity o	escribed a e internation waste ge	bove by proper ship onal and national go nerated to the deg	ping nami vernmenta ree i hav	il regulations. e determined to
packed, m  If I am a  economica threat to	TOR'S CERTIFICATION: 1 hereby disarred, and labeled, and are in all responses.	ects in proper condition fo at I have a program in ed the practicable metho DR, if I am a small quar	r transport by highway according to reduce the volumed of treatment, storage, or	r and accurately d ording to applicab me and toxicity o or disposal curren	escribed a e internatio waste ge ly availab	bove by proper ship onal and national go nerated to the deg le to me which mini	ping name vernmenta ree I hav imizes the	al regulations.  e determined to present and futo
packed, m  If I am a economica threat to waste mai	TOR'S CERTIFICATION: I hereby disparked, and labeled, and are in all responding equantity generator, I certify the ally practicable and that I have select human health and the environment; Congement method that is available to me Typed Name	ects in proper condition for at 1 have a program in and the practicable methods, if 1 am a small quare and that 1 can afford.  The SAAD ST	place to reduce the volume of treatment, storage, of this generator, I have ma	r and accurately d ording to applicab me and toxicity o or disposal curren	escribed a e internatio waste ge ly availab	bove by proper ship onal and national go nerated to the deg le to me which mini	ping name vernmenta ree I hav imizes the eneration	al regulations.  e determined to present and fute and select the b
packed, m If I am a economica threat to waste mai Printed/	TOR'S CERTIFICATION: 1 hereby dispersed, and labeled, and are in all respondenced, and are in all respondenced quantity generator, 1 certify the large quantity generator, 1 have select human health and the environment; Conggement method that is available to make	ects in proper condition for at 1 have a program in ed the practicable method R, if 1 am a small quare and that I can afford.  The SAAD STATES	place to reduce the volume of treatment, storage, of this generator, I have ma	r and accurately d ording to applicab me and toxicity o or disposal curren	escribed a e internatio waste ge ly availab	bove by proper ship onal and national go nerated to the deg le to me which mini	ping name vernmenta ree I hav imizes the eneration	al regulations.  e determined to present and fute and select the b
packed, m If I am a economica threat to waste mai Printed/  A > A: [ ] [ ] [ ]  17. Transpor	ATOR'S CERTIFICATION: 1 hereby dispersed, and labeled, and are in all respinarsed, and labeled, and are in all respinarsed quantity generator, I certify the ally practicable and that I have selected human health and the environment; Congement method that is available to metryped Name	ects in proper condition for at 1 have a program in ed the practicable method R, if 1 am a small quare and that I can afford.  The SAAD STATES	place to reduce the volume of treatment, storage, of this generator, I have ma	r and accurately d ording to applicab me and toxicity o or disposal curren	escribed a e internatio waste ge ly availab	bove by proper ship onal and national go nerated to the deg le to me which mini	ping name vernmenta ree I hav imizes the eneration	al regulations.  e determined to present and fute and select the b
packed, m  If I am a economica threat to waste mai Printed/  17. Transpor  Printed/	TOR'S CERTIFICATION: 1 hereby dispersed, and labeled, and are in all respondented, and are in all respondented in the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selecti	ects in proper condition for at 1 have a program in sed the practicable methods, if 1 am a small qual on an afford.  The SAAD STAAD	place to reduce the volume of treatment, storage, of this generator, I have ma	r and accurately d ording to applicab me and toxicity o or disposal curren	escribed a e internatio waste ge ly availab	bove by proper ship onal and national go nerated to the deg le to me which mini	ping name vernmenta ree I hav imizes the eneration	e determined to present and future and select the bottom Day You Design Control of the bottom Day You Design Control of the bottom Day You Design Control of the bottom Day You Design Control of the bottom Day You Design Control of the bottom Day You Design Control of the bottom Day You Design Control of the bottom Day You Design Control of the bottom Day You Design Control of the bottom Day You Design Control of the bottom Day You Design Control of the bottom Day You Design Control of the bottom Day You Design Control of the bottom Day You Design Control of the bottom Day You Design Control of the bottom Day You Design Control of the bottom Day You Design Control of the bottom Day You Design Control of the bottom Day You Design Control of the bottom Day You Design Control of the bottom Day You Design Control of the bottom Day You Design Control of the bottom Day You Design Control of the bottom Day You Design Control of the bottom Day You Design Control of the bottom Day You Design Control of the bottom Day You Design Control of the bottom Day You Design Control of the bottom Day You Design Control of the bottom Day You Design Control of the bottom Day You Design Control of the Bottom Day You Design Control of the Bottom Day You Design Control of the Bottom Day You Design Control of the Bottom Day You Design Control of the Bottom Day You Design Control of the Bottom Day You Design Control of the Bottom Day You Design Control of the Bottom Day You Design Control of the Bottom Day You Design Control of the Bottom Day You Design Control of the Bottom Day You Design Control of the Bottom Day You Design Control of the Bottom Day You Design Control of the Bottom Day You Design Control of the Bottom Day You Design Control of the Bottom Day You Design Control of the Bottom Day You Design Control of the Bottom Day You Design Control of the Bottom Day You Design Control of the Bottom Day You Design Control of the Bottom Day You Design Control of the Bottom Day You Design Control of the Bottom Day You Design Control of th
packed, m  If I am a economica threat to waste main Printed/  A > Pic (M) 17. Transpor Printed/1	ATOR'S CERTIFICATION: 1 hereby dispersed, and labeled, and are in all respilared, and labeled, and are in all respilared quantity generator, 1 certify the ally practicable and that 1 have selected human health and the environment; Chargement method that is available to me typed Name	ects in proper condition for at 1 have a program in sed the practicable methods, if 1 am a small qual on an afford.  The SAAD STAAD	place to reduce the volume of treatment, storage, of this generator, I have ma	r and accurately d ording to applicab me and toxicity o or disposal curren	escribed a e internatio waste ge ly availab	bove by proper ship onal and national go nerated to the deg le to me which mini	ping namivernments ree I havimizes the eneration	e determined to present and fut and select the branch Day Y
packed, m If I am a economicc threat to waste man Printed/ 17. Transpor Printed/ 18. Transpor	ATOR'S CERTIFICATION: 1 hereby dispersed, and labeled, and are in all respondenced, and labeled, and are in all respondenced in the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection	ects in proper condition for at 1 have a program in sed the practicable methods, if 1 am a small qual on an afford.  The SAAD STAAD	place to reduce the volumed of treatment, storage, of thirty generator, I have ma	r and accurately d ording to applicab me and toxicity o or disposal curren	escribed a e internatio waste ge ly availab	bove by proper ship onal and national go nerated to the deg le to me which mini	ping namivernments ree I havimizes the eneration	e determined to present and future and select the beautiful Day You don't Day You don'th Day You don'th Day You don'th Day You don'th Day You don'th Day You don'th Day You don'th Day You don'th Day You don'th Day You don't
packed, m If I am a economicc threat to waste man Printed/ 17. Transpor Printed/ 18. Transpor	ATOR'S CERTIFICATION: 1 hereby dispersed, and labeled, and are in all respilarge quantity generator, I certify the ally practicable and that 1 have selected human health and the environment; Congement method that is available to me typed Name  SEPT LENBERAF SET STEET Acknowledgement of Receipt of the 2 Acknowledgement of Receipt of Typed Name	ects in proper condition for at 1 have a program in sed the practicable methods, if 1 am a small qual on an afford.  The SAAD STAAD	place to reduce the volumed of treatment, storage, of thirty generator, I have ma	r and accurately d ording to applicab me and toxicity o or disposal curren	escribed a e internatio waste ge ly availab	bove by proper ship onal and national go nerated to the deg le to me which mini	ping namivernments ree I havimizes the eneration	e determined to present and future and select the branch Day Y
packed, m If I am a economica threat to waste mai Printed/  17. Transpor  Printed/  18. Transpor  Printed/  19. Discrepa	ATOR'S CERTIFICATION: 1 hereby dispersed, and labeled, and are in all respilarge quantity generator, I certify the ally practicable and that 1 have selected human health and the environment; Congement method that is available to me typed Name  SEPT LENBERAF SET STEET Acknowledgement of Receipt of the 2 Acknowledgement of Receipt of Typed Name	ects in proper condition for at 1 have a program in sed the practicable methods, if 1 am a small quant on an afford.  The SAAD STORM AND AND AND AND AND AND AND AND AND AND	Signature  Signature  Signature	r and accurately designed to applicable the and toxicity of the angular current de a good faith	escribed a e internation waste get by availability or many many many many many many many many	bove by proper ship and and national go merated to the deg le to me which mini inimize my waste g	ping namivernments ree I havimizes the eneration	e determined to present and futuand select the beauth and select the beauth Day You and Day You and Day You and Day You and Day You and Day You and Day You and Day You and Day You and Day You and Day You are the selections.
packed, m If I am a economicc threat to waste man Printed/ 17. Transpor Printed/ 18. Transpor Printed/ 19. Discrepa	ATOR'S CERTIFICATION: 1 hereby dispersed, and labeled, and are in all respondented, and are in all respondented, and the respondented in the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the selection of the s	ects in proper condition for at 1 have a program in sed the practicable methods, if 1 am a small quant on an afford.  The SAAD STORM AND AND AND AND AND AND AND AND AND AND	Signature  Signature  Signature	r and accurately designed to applicable the and toxicity of the angular current de a good faith	escribed a e internation waste get by availability or many many many many many many many many	bove by proper ship and and national go merated to the deg le to me which mini inimize my waste g	ping namiverimental ree I have imizes the eneration	e determined to present and futuand select the beauth and select the beauth Day You and Day You and Day You and Day You and Day You and Day You and Day You and Day You and Day You and Day You and Day You are the selections.

Plea (Fpr	se print or	UNIFORM HAZARDOUS WASTE MANIFEST  1. Generator's US EPA ID No. WASTE MANIFEST  7. N. N. O. C. S. 3. 7. 3. 5. 4. 3. 5. 5. 5. 6. 6. 7. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.									
								01			
-	3. Gene	erator's Name	and Mailing Address				A. Sta	te Man	ifest Docur	nent Num	ber
	363	SS Trea	SUALS DI- NA	SKW.116 TN 37211			B. Sta	te Gene	rator's ID		·
				3-0397							
	I 🔥	•	•	6. L/					<u> </u>		ii. Dulia
		***************************************	<del></del>								4-8140
							F. Trai	nsporte	's Phone		
	9. Desig	nated Facility	Name and Site Addre	ess 10.	US EPA ID I	-dumber	G. Sta	te Facil	ity's ID		
	LAL.	36 ADAM	S CENTER A	2040			H. Foo	ility's Pl	hone		
					00780	.1.1.146		•		585	·
	11. US I	DOT Description	on (Including Proper Si			12. Cont	. 1	1	otal	Unit	
	a. 1\	00 4	AZarlic L	ACC.CALO. NICIS	· (0 .40)		lype	Qu	antity	W1/Vol	Waste No.
	X	,						11	<b>-</b> 7.	ا ما	<b>A</b> 21 =
	$\vdash \uparrow \downarrow$	19,N	43077 P	(- IF (DO40)		0.0.1	10.2	.7.	1000	r	1090
3	Ь.										
¥ = ?							·	٠.			
ì	с.										
2	1										
	d.				*****						,
								١			
	J. Addit	tional Descript	ions for Materials Liste	ed Above			K. Ha	ndling (	Codes for \	Mastes Lis	ted Above
	ĺ										
	D.	15610					0	-81	LAN	IDF!	//
	15. Spe	cial Handling			<u> </u>	JM ENGLIS					
	RETU	ל נגאומים להיץ.	From To: Provi	30x4)90 TN 70127405			1.	80€	.765	-871	3
	ļ		Chai	1. ///, 5/10/	74	U-# 1-81	12- 9	725	-455	/	
					onsignment are ful	ly and accurately des	ribed ob	ove by	proper ship	ping name	
	l '	•	•	• •		• .,			-		-
	econe	omically practic	able and that I have se	elected the practicable method of t nt; OR, if I am a small quantity ge	realment, storage,	or disposal currently	available	e to me	which mini	mizes the	present and future
		e management ted/Typed Na		to me and that I can afford.	Signature	( 1				M	onth Day Year
		ニンブニ		The SHAD SITE	A.	. UVal					·d/c.8/94/
Ţ	<u> </u>	<del></del>	nowledgement of Rece	eipt of Materials	, <u>i</u>	A					
Ň	Prior	ed/Typed No	Pache.		Signature	will for	VII			м. 1 <i>1</i>	onth Day Year
2	18. Tran	- YULY E Isporter DAcki	nowledgement of Rece	eipt of Materials	1 /2	wife I ca	رسر			1/_	<u> </u>
ANSPORTER	Print	ted/Typed Na	ime		Signature					ı.	onth Day Year
R	19. Disci	repancy Indica	ation Space		<u> </u>						<u>. 1 . 1</u>
		, , , , , , , , , , , , ,									•
FAC								•			
Ĭ	20. Facil	lity Owner or 6	Operator: Certification	of receipt of hazardous materic	als covered by thi	s manifest except as	noted i	n Item	19.		
		,		The state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the s							
	Print	ed/Typed Na	me		Signature				•	M. 1	onth Day Year
	For \$700	22 (8 0.02) 0	havian adidaa ahaalaa	<del></del>	i		100		₽^J″ <b>3</b> ç7.		
.rA	rorm a/UU	•	revious edition obsolete.	ADIGINAL DET		ED 4700			er ivi	17,5	7-BLS-C6

	it or type		? 4	1328	) )	\$ ·	No.		
	UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator's U. T.V. D.O.E.	5 EPA ID No.	SU A FOCU	anilest ment No.2	2. Pag			shaded areas is ederal law.
	3. Generator's Name and Mailing Address J. P. SAAD Tra-SAAIS SITE 3655 Trusson16 Or. NAShu	.116 T~ 372				<u> </u>	te Manifest Docus	nent Nur	nber
	4. Generator's Phone (6/5 ) 333 C1 5. Transporter 1 Company Name	397		PA ID Number	-	C. Stat	te Transporter's II	<del></del>	
	7. Transporter 2 Company Name		A. L. A. C. 6	2. 7. / . 3. S PA ID Number	? <i>8</i> .4./		nsporter's Phone ( le Transporter's ID		14-8-140
	P. Designated Facility Name and Site Address		10. US E	PA ID Number	· · ·		nsporter's Phone te Facility's ID		
	Chemical WASTS MANAY: ASI 4636 ADAMS CENTER ROAD EXT WAYNS IN 46806		F.N. N. D. 7	7.4.9.1.1	. 1 . 4 . 6		ility's Phone	585	
	11. US DOT Description (Including Proper Shipp)				12. Conto		13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
	· VRQ, HAZArDO=> WASTO		, (0040)	/	00.1	10.7	44000	P	1040
G E N E	b.								·
Ř A T O R	с.								
	d								
	J. Additional Descriptions for Materials Listed A	bove			<u> </u>	K. Hon	ndling Codes for Y	Wastes Li	sted Above
	BR = 960					D-	81-LAND	Fill	
	15. Special Handling Instructions and Additional RSTarn MAN, FEST To: P. C. B.	Il Information Y 4170 TN 37485			,	1-8	254 op 384 275-00-765 275-269	871	
	16. GENERATOR'S CERTIFICATION: I hereby depocked, marked, and lobeled, and are in all respirit I am a large quantity generator, I certify the economically practicable and that I have selected threat to human health and the environment; C	ects in proper condition f at I have a program in ed the practicable meth PR, if I am a small qua	or transport by high place to reduce od of treatment, t	I are fully and act hway according to the volume and storage, or dispos	curately desc applicable in toxicity of w al currently	ribed abo nternation raste gen available	ove by proper ship nal and national go erated to the deg to me which mini	ping name vernmenta ree I hav mizes the	I regulations.  e determined to be present and future
	waste management method that is available to me Printed/Typed Name  Hらけられてたける Bokal で  17. Transporter 1 Acknowledgement of Receipt	THE SHAD SI	77- Signatur	Jan/	بارار	1		ĬŽ	anih Day Year
-RAZSPORTER	Printed/Typed Name Sylvestac Convey  18. Transporter 2 Acknowledgement of Receipt	-1/	Sio) atuy	lieste	i C	مدر	e D	1Ž	1000 Year 20819.4
ŘTER	Printed/Typed Name		Signatur					^	lonth Day Year
FAC	19. Discrepancy Indication Space								
	20. Facility Owner or Operator: Certification of	receipt of hazardous	materials covered	d by this manife	st except as	noted in	n Item 19.		
	Printed/Typed Name		Signatur	•					lonth Day Year
PA	Form 8700-22 (Rev. 9-92) Previous edition obsolete.	ORIGINAL	RETURN TO	GENERATO	R	200 A	The Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Co	1999	7-BLS-C6

ι Fα	ase print or type rm designed for use on ellip 132 elecht promitteet.					di sak		court chair and
	UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator's US EPA II	No.	Manifest Document Na	2. Page 1	Information		shaded areas is deral law.
1	3. Generator's Name and Mailing Address	T.S.			A. State Ma	nifest Docume	nt Num	ber
	3655 Trans DAIS DI, NAS 4. Generator's Phone (615) 333	64.115 TO 37211 -0397			B. State Ger	erator's ID		
	5. Transporter 1 Company Name $RoBB/SD.WOUD$	6.	US EPA 10 Nur D. 0.6.7.1.3		C. State Tra		. 5 74	14-8440
<u>بالأنه</u> ر	7. Transporter 2 Company Name	8.	US EPA ID Nur		E. State Trai		77	17-2770
ž Ž					F. Transporte			
	9. Designated Facility Name and Site Address Chimical Was To MANASCA HU36 ADAMS CENTER READ		US EPA ID Nur	nber	G. State Fac	ility's ID		
	FOIT WHYING IN 46806	L.N.	0.0.7.8.9.	1.1.1.4.6	H. Focility's 1 219-4		85	
	11. US DOT Description (Including Proper Ship 커제			12. Conto	ainers	13. Total	14. Unit Vt/Vol	i. Waste No.
	O. Ru, HAZArdons WAST		1040),					Λ
i G	1 9, NA 3272 PG	# (DOYU)		00:1	D.T 4/6	000	13	0040
EZE								
RATO	c.							
Ä	d.			<u> </u>		• • • •		
Ž								
7	J. Additional Descriptions for Materials Listed	Above		<del> </del>	K. Handling	Codes for Wo	astes List	ed Above
								•
	BR 5960					LAND		
¥	15. Special Handling Instructions and Addition RSTain MAN. FGST To: P.	c. Box 4270		CWM EM	GryEncy	i RESP. 1-300-76	ن ذ <i>لاه</i> کی-ی	INFO
	6	hATT- TN 37405		Hr # 1-80	•	_		
	16. GENERATOR'S CERTIFICATION: I hereby packed, marked, and labeled, and are in all re-	spects in proper condition for transp	ort by highway accord	ding to applicable is	nternational and	l national gove	rnmental	regulations.
	If I am a large quantity generator, I certify economically practicable and that I have sele threat to human health and the environment;	cted the practicable method of to OR, if I am a small quantity ge	reatment, storage, or	disposal currently	available to m	e which minimi	izes the p	present and future
	Printed/Typed Name	THE SAAD SITE	Signature	1/1/01	1			101h Day Year
1	17. Transporter 1 Acknowledgement of Receip	STEETING COMP. 1756	7	C. V.V. Keel	7)			MC 3177
RAZOPORTER	Printed/Typed Name  VESLEY  A  /	(00)	Signature	oly.	Tourt	2	Mo	all Day Year
, lo	18. Transporter 2 Acknowledgement of Receip	ot of Materials						
E E	Printed/Typed Name		Signature				Mo	nih Day Year
DRTER FAC	19. Discrepancy Indication Space							•
Ç	20. Facility Owner or Operator: Certification o	of receipt of hazardous materic	ils covered by this n	nanifest except as	noted in Item	19.		
a v	Printed/Typed Name	- <u></u>	Signature				Mo	eth Day Year
	Form 8700-22 (Rev. 9-92) Previous edition obsolete.							7-BLS-C6
_		ODICINAL DET	IDN TO CENE	DATOD	110000	<b>在沙湖南</b>	<b>W.Y.</b>	10/92)

T

e print or type designed for use o 1. Generator's US EPA ID No. UNIFORM HAZARDOUS Information in the shaded areas is not required by Federal law. **WASTE MANIFEST** 3. Generator's Name and Mailing Address State Manifest Document Number J. F. SAAD Tro-SDAJE SITE 3655 Tro-SDAJE BE. HASKVIJE TN 37211 8. State Generator's ID 4. Generator's Phone (615) 333-0297 5. Transporter 1 Company Name US EPA ID Number C. State Transporter's ID RUBBIL D.V. A A.L.D.O. 6.7.1.3.8.5.9.1 D. Transporter's Phone 25-744-8440 7. Transporter 2 Company Name E. State Transporter's ID F. Transporter's Phone 9. Designated Facility Name and Site Address US EPA ID Number G. State Facility's ID CHEMICAL WASKE MANIGEM SAT, INC. 4636 ADAMS CENTER ROAD H. Facility's Phone IINA.0.7.8.9.1.1.1.4.6 FOOTWAYN IN 46806 214-447-5585 12. Containers 11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number, 14. Unit Total Waste No. Quantity RQ. HAZArlo-S WASTE, Solly, NOS. (DOYO), 9, NA 3077 PG III (DOYA) 48000 GENERATO K. Handling Codes for Wastes Listed Above J. Additional Descriptions for Materials Listed Above 0-81 LANDFILL
CWM EMERGENCY RESPONSE THE
1-800-765-8713 BR 5960

15. Special Handling Instructions and Additional Information

RCTLIN MAN. FEET To: P.O. Box 4270 34 H1#1-800 -935 -9551

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national governmental regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford. Printed/Typed Name Day THE SHAU SITE Signature ACCUT FOR YON BELAIF OF STELLIA GENATTE 17. Transporter 1 Acknowledgement of Receipt of Materials Printed/Typed Name
WILLIAM S. BARKER JR 12108194 18. Transporter 2 Acknowledgement of Receipt of Materials Printed/Typed Name Signature 19. Discrepancy Indication Space 20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19. Printed/Typed Name Sianature Day

iform designed for year on UNIFORM HAZARDOUS 1. Generator's US EPA ID No. Manifest 2. Page 1 Information in the shaded areas not required by Federal law. **WASTE MANIFEST** 3. Generator's Name and Mailing Address

J. P. SAAA FROWDUALS SITS

34.55 Trus OALE Dr. NASK VILLE TN 3 7211 State Manifest Document Number B. State Generator's ID 4. Generator's Phone ( 615) 333-0397 5. Transporter 1 Company Name C. State Transporter's ID 7. Transporter 2 Company Name ALD-0-6:71-3889 D. Transporter's Phone 205-749-3440 E. State Transporter's ID F. Transporter's Phone 9. Designated Facility Name and Site Address US EPA ID Number G. State Facility's ID Chenical Wasis MANAGEMENT, INC. 4636 ADAMS CENTER ROAD H. Facility's Phone IN. DO. 7.89.1.1146 FOLT WAYNS IN 46806 11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number) No. Type Waste No. RQ, HAZArdons WASTE, SoliD, N.O.S. (DU10), 9, NA 3077 PG IF (ACYE) 1040 GENERATOR J. Additional Descriptions for Materials Listed Above K. Handling Codes for Wastes Listed Above CWM EMERGENCY RUSYOUSE INFO 1-860-765-8713 15. Special Handling Instructions and Additional Information RCTury MAN FEST TO: P.C. Boy 4276 244/4/-84-925-955/
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified. packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national governmental regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford. THE SAAD SITS Printed/Typed Name Signature - AUNITED FOR BINALFOR STEETING COMMITTEE 17. Transporter 1 Acknowledgement of Receipt of Materials Printed/Typed Name Signature 18. Transporter 2 Acknowledgement of Receipt of Materials Printed/Typed Name Sianature 19. Discrepancy Indication Space 20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19. Printed/Typed Name Signature EPA Form 8700-22 (Rev. 9-92) Previous edition obsolete.

DI 2442 COURT OF THE				15,	~ -		С
PLEASE PRINT OR TYPE (Form designed to	or use on elile ( 12-pilch	(youwriter)		Form A			39. Expues 9-30
UNIFORM HAZARDOUS 1. Generator's WASTE MANIFEST T.N.D.O.		₁Qocum		<i>,</i>	Page 1 Infor	mation in the required by s D. F. H. I ar	e shaded area Federal law, id K are required
3. Generator's Name and Mailing Address	<u>6 · 5 · 8 · 3 · 3 · 5 · 4</u>	1.3 17.0.0	<u> 2/·</u>	b A.S	of I   State	IAW.	
JOHN P SAAD & SONS INC				IN		9870	
3655 TROUSDALE DR				Ш	State Generator	<del> </del>	000
NASHVILLE TN 37204-4518 JUL 4 Generator's Phone ( 615)834 335	3-0397					·	
5. Transporter 1 Company Name	6. US ÉPA ID Nu	mber		C. 5	State Transport	er's ID <b>7</b> -	737Kcok
DAMI KUCKING ING	O.H.D.O.O.		32.		ransporter's Pi		<i>533-98</i> 4
7. Transporter 2 Company Name	8. US EPA ID Nu	mber		<u> </u>	State Transport		
9. Designated Facility Name and Site Address	10 US EPA ID Nu	mber	• •	<del></del>	ransporter's Pt		<del></del>
CHEMICAL WASTE MANAGEMENT, INC.				"	Julio Facility 3		
4636 ADAMS CENTER ROAD					acility's Phone		
FORT WAYNE IN 46806	I.N.D.0.7.	1, 1, 1, 9, 8	.4 £	5	(219)447	-5585	
11 US DOT Description , including Proper Shipping Name, Ha.	rard Class and It) Num	,	Contair	ers	13. Total	14. Total	Waste No
·	. <u>.                                   </u>	No.	. 1	уре	Quantity	Wt/Vol.	
RO, HAZARDOUS WASTE, SOLID, N.O. 9, NA3077, PG III (D040)	S.,(D040),						DØ40
9, NH3077, PG 111 (D040)		00	ا /د	27	48.00€	$\rightarrow  \rho $	שרשם
			7-17		70 COC		
				.			
			1				
	····			<del>-  </del>	<del></del>		
		1.					
dumonal Descriptions of Materials sisted Above	1		K	. Hanu	ing Codes for V	Vastes Lister	Above
BR5960			1		D-81 LAN	DETLI	
BN3360					J	J, 122	
5. S. C. idl Handiin's distructions and Additional Information					<del></del>		
2 1. C de Canding Constitute and Rocational Information							
CWM Emergency Response Information	n (800)765-8	713					
			a TA	U 7	37405		
RETURN MANIFEST TO: A.O. BOX	4270 Chr	TTANDOGE	1 TA	accura	37405 Itely described	t above by p	roper shipping
	4270 Chr	TTANDOGE	1 TA	accura transpe	37405 Itely described ort by highway	t above by p	roper snipoing to applicable
RETURN MANIFEST TOI A.O. BOX  16 CENERATOR'S CERTIFICATION: I hereby declare that the name and are classified, packed, marked, and labeled, an international and national government regulations.  It aim a large quantity generator, I certify that I have a discomment one economically practicable and that I have	e contents of this contained are in all respects in	STTANDOS ASSESSED ASSESSED ASSESSED ASSESSED ASSESSED ASSESSED ASSESSED ASSESSED ASSESSED ASSESSED ASSESSED ASSESSED ASSESSED ASSESSED ASSESSED ASSESSED ASSESSED ASSESSED ASSESSED ASSESSED ASSESSED ASSESSED ASSESSED ASSESSED ASSESSED ASSESSED ASSESSED ASSESSED ASSESSED ASSESSED ASSESSED ASSESSED ASSESSED ASSESSED ASSESSED ASSESSED ASSESSED ASSESSED ASSESSED ASSESSED ASSESSED ASSESSED ASSESSED ASSESSED ASSESSED ASSESSED ASSESSED ASSESSED ASSESSED ASSESSED ASSESSED ASSESSED ASSESSED ASSESSED ASSESSED ASSESSED ASSESSED ASSESSED ASSESSED ASSESSED ASSESSED ASSESSED ASSESSED ASSESSED ASSESSED ASSESSED ASSESSED ASSESSED ASSESSED ASSESSED ASSESSED ASSESSED ASSESSED ASSESSED ASSESSED ASSESSED ASSESSED ASSESSED ASSESSED ASSESSED ASSESSED ASSESSED ASSESSED ASSESSED ASSESSED ASSESSED ASSESSED ASSESSED ASSESSED ASSESSED ASSESSED ASSESSED ASSESSED ASSESSED ASSESSED ASSESSED ASSESSED ASSESSED ASSESSED ASSESSED ASSESSED ASSESSED ASSESSED ASSESSED ASSESSED ASSESSED ASSESSED ASSESSED ASSESSED ASSESSED ASSESSED ASSESSED ASSESSED ASSESSED ASSESSED ASSESSED ASSESSED ASSESSED ASSESSED ASSESSED ASSESSED ASSESSED ASSESSED ASSESSED ASSESSED ASSESSED ASSESSED ASSESSED ASSESSED ASSESSED ASSESSED ASSESSED ASSESSED ASSESSED ASSESSED ASSESSED ASSESSED ASSESSED ASSESSED ASSESSED ASSESSED ASSESSED ASSESSED ASSESSED ASSESSED ASSESSED ASSESSED ASSESSED ASSESSED ASSESSED ASSESSED ASSESSED ASSESSED ASSESSED ASSESSED ASSESSED ASSESSED ASSESSED ASSESSED ASSESSED ASSESSED ASSESSED ASSESSED ASSESSED ASSESSED ASSESSED ASSESSED ASSESSED ASSESSED ASSESSED ASSESSED ASSESSED ASSESSED ASSESSED ASSESSED ASSESSED ASSESSED ASSESSED ASSESSED ASSESSED ASSESSED ASSESSED ASSESSED ASSESSED ASSESSED ASSESSED ASSESSED ASSESSED ASSESSED ASSESSED ASSESSED ASSESSED ASSESSED ASSESSED ASSESSED ASSESSED ASSESSED ASSESSED ASSESSED ASSESSED ASSESSED ASSESSED ASSESSED ASSESSED ASSESSEDA ASSESSED ASSESSED ASSESSED ASSESSED ASSESSED ASSESSED ASSESSEDANCE ASSESSED ASSESSED ASSESSED ASSESSED ASSESSED ASSESSED ASSESSED ASSESSED ASSESSED ASSESSED ASSESSED ASSESSED ASSESSED ASSESSE	on for me an	transpo d toxic nent. si	ity of waste g	enerated to	the degree I h
RETURN MANIFEST TO: A.O. Box  16 CENERATOR'S CERTIFICATION: I hereby declare that the name and are classified, packed, marked, and labeled, an international and national government regulations.  If I am a large quantity generator, I certify that I have a determined to be economically practicable and that I have switch minimizes the present and future threat to human	e contents of this contents of this contents of this content in all respects in program in place to we selected the practice health and the environment.	signment are tuning proper conditions the voluments of the conditions of the conditi	on for ime an I treatn I am a	transpo d toxic nent, si small o	ity of waste g lorage, or disp luantity genera	enerated to losal curren ator, I have	the degree I h
RETURN MANIFEST TOI A.O. BOX  16. CENERATOR'S CERTIFICATION: I hereby declare that the name and are classified, packed, marked, and labeled, an international and national government regulations.  It i aim a large cuantity generator, I certify that I have a determined to be economically practicable and that I have such minimizes the present and future threat to human effort to minimize my waste generation and select the be	e contents of this conduction are in all respects in program in place to ve selected the praction health and the environst waste management	signment are tuning proper conditions the voluments of the conditions of the conditi	on for ime an I treatn I am a	transpo d toxic nent, si small o	ity of waste g lorage, or disp luantity genera	enerated to losal curren ator, I have	the degree I h tly available to made a good f
RETURN MANIFEST TOI A.O. BOX  16. CENERATOR'S CERTIFICATION: I hereby declare that the name and are classified, packed, marked, and labeled, an international and national government regulations.  It i aim a large cuantity generator, I certify that I have a determined to be economically practicable and that I have such minimizes the present and future threat to human effort to minimize my waste generation and select the be	e contents of this conduction are in all respects in program in place to ve selected the praction health and the environst waste management	signment are tuning proper conditions the voluments of the conditions of the conditi	on for ime an I treatn I am a	transpo d toxic nent, si small o	ity of waste g lorage, or disp luantity genera	enerated to losal curren ator, I have	the degree I httly available to made a good f
RETURN MANIFEST TOI A.O. BOX  16 CENERATOR'S CERTIFICATION: I hereby declare that the name and are classified, packed, marked, and labeled, an international and national government regulations.  If I am a large quantity generator, I certify that I have a determined to be economically practicable and that I have such communities the present and future threat to human effort to minimize my waste generation and select the be	e contents of this conduction are in all respects in program in place to ve selected the praction health and the environst waste management	signment are tuning proper conditions the voluments of the conditions of the conditi	on for ime an I treatn I am a	transpo d toxic nent, si small o	ity of waste g lorage, or disp luantity genera	enerated to losal curren ator, I have	the degree i h tly available to made a good f
RETURN MANIFEST TO: P.O. Box  16 CENERATOR'S CERTIFICATION: I hereby declare that the name and are classified, packed, marked, and labeled, an international and national government regulations.  If I am a large quantity generator, I certify that I have a determined to be economically practicable and that I have which minimizes the present and future threat to human error to minimize my waste generation and select the be protectived Name  The SAA  ASSISTED TO HONDSHAFF OF STORING TO Materials  Protect Typed Name	e contents of this conduction are in all respects in program in place to ve selected the praction health and the environst waste management	signment are tuning proper conditions the voluments of the conditions of the conditi	on for ime an I treatn I am a	transpo d toxic nent, si small o	ity of waste g lorage, or disp luantity genera	enerated to losal curren ator, I have	the degree i h tly available to made a good f
RETURN MANIFEST TOI P.O. BOX  16 CENERATOR'S CERTIFICATION: I hereby declare that the name and are classified, packed, marked, and labeled, an international and national government regulations.  If I am a large quantity generator, I certify that I have a determined to be economically practicable and that I have which minimizes the present and future threat to human effort to minimize my waste generation and select the between the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection	e contents of this con- nd are in all respects in program in place to ve selected the practic n health and the envir st waste management  DS:TS  Signature	signment are tuning proper conditions the voluments of the conditions of the conditi	on for ime an I treatn I am a	transpo d toxic nent, si small o	ity of waste g lorage, or disp luantity genera	enerated to losal curren ator, I have	the degree I had a had a good for the second formation of the second formation of the second formation of the second formation of the second formation of the second formation of the second formation of the second formation of the second formation of the second formation of the second formation of the second formation of the second formation of the second formation of the second formation of the second formation of the second formation of the second formation of the second formation of the second formation of the second formation of the second formation of the second formation of the second formation of the second formation of the second formation of the second formation of the second formation of the second formation of the second formation of the second formation of the second formation of the second formation of the second formation of the second formation of the second formation of the second formation of the second formation of the second formation of the second formation of the second formation of the second formation of the second formation of the second formation of the second formation of the second formation of the second formation of the second formation of the second formation of the second formation of the second formation of the second formation of the second formation of the second formation of the second formation of the second formation of the second formation of the second formation of the second formation of the second formation of the second formation of the second formation of the second formation of the second formation of the second formation of the second formation of the second formation of the second formation of the second formation of the second formation of the second formation of the second formation of the second formation of the second formation of the second formation of the second formation of the second formation of the second formation of the second formation of the second formation of the second formation of the second formation of the second formation of the second formation
RETURN MANIFEST TOI P.O. BOX  16 CENERATOR'S CERTIFICATION: I hereby declare that the name and are classified, packed, marked, and labeled, an international and national government regulations.  If I am a large quantity generator, I certify that I have a determined to be economically practicable and that I have which minimizes the present and future threat to human effort to minimize my waste generation and select the beautiful to minimize my waste generation and select the beautiful to minimize my waste generation and select the beautiful to minimize my waste generation and select the beautiful to minimize my waste generation and select the beautiful to minimize my waste generation and select the beautiful to minimize my waste generation and select the beautiful to minimize my waste generation and select the beautiful to minimize my waste generation and select the beautiful to minimize my waste generation and select the beautiful to minimize my waste generation and select the beautiful to minimize my waste generation and select the beautiful to minimize my waste generation and select the beautiful to minimize my waste generation and select the beautiful to minimize my waste generation and select the beautiful to minimize my waste generation and select the beautiful to minimize my waste generation and select the beautiful to minimize my waste generation and select the beautiful to minimize my waste generation and select the beautiful to minimize my waste generation and select the beautiful to minimize my waste generation and select the beautiful to minimize my waste generation and select the beautiful to minimize my waste generation and select the beautiful to minimize my waste generation and select the beautiful to minimize my waste generation and select the beautiful to minimize my waste generation and select the beautiful to minimize my waste generation and select the beautiful to minimize my waste generation and select the beautiful to minimize my waste generation and select the beautiful to minimize my was	e contents of this cond are in all respects in program in place to ve selected the praction health and the environst waste management Signature  OSITS  Committee  Signature	signment are tuning proper conditions the voluments of the conditions of the conditi	on for ime an I treatn I am a	transpo d toxic nent, si small o	ity of waste g lorage, or disp luantity genera	enerated to losal curren ator, I have	the degree I had the total the degree I had the total the total the total the total the total the total the total the total the total the total the total the total the total the total the total the total the total the total the total the total the total the total the total the total the total the total the total the total the total the total the total the total the total the total the total the total the total the total the total the total the total the total the total the total the total the total the total the total the total the total the total the total the total the total the total the total the total the total the total the total the total the total the total the total the total the total the total the total the total the total the total the total the total the total the total the total the total the total the total the total the total the total the total the total the total the total the total the total the total the total the total the total the total the total the total the total the total the total the total the total the total the total the total the total the total the total the total the total the total the total the total the total the total the total the total the total the total the total the total the total the total the total the total the total the total the total the total the total the total the total the total the total the total the total the total the total the total the total the total the total the total the total the total the total the total the total the total the total the total the total the total the total the total the total the total the total the total the total the total the total the total the total the total the total the total the total the total the total the total the total the total the total the total the total the total the total the total the total the total the total the total the total the total the total the total the total the total the total the total the total the total the total the total the total the total the total the total the total the total the total th
RETURN MANIFEST TOI P.O. BOX  16 CENERATOR'S CERTIFICATION: I hereby declare that the name and are classified, packed, marked, and labeled, an international and national government regulations.  If I am a large quantity generator, I certify that I have a determined to be economically practicable and that I have which minimizes the present and future threat to human effort to minimize my waste generation and select the between the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection	e contents of this con- nd are in all respects in program in place to ve selected the practic n health and the envir st waste management  DS:TS  Communities	signment are tuning proper conditions the voluments of the conditions of the conditi	on for ime an I treatn I am a	transpo d toxic nent, si small o	ity of waste g lorage, or disp luantity genera	enerated to ossal curren ator, I have an afford.	the degree I hatty available to made a good find the Date
RETURN MANIFEST TOI P.O. BOX  16 CENERATOR'S CERTIFICATION: I hereby declare that the name and are classified, packed, marked, and labeled, an international and national government regulations.  If I am a large quantity generator, I certify that I have a determined to be economically practicable and that I have which minimizes the present and future threat to human effort to minimize my waste generation and select the beautiful to minimize my waste generation and select the beautiful to minimize my waste generation and select the beautiful to minimize my waste generation and select the beautiful to minimize my waste generation and select the beautiful to minimize my waste generation and select the beautiful to minimize my waste generation and select the beautiful to minimize my waste generation and select the beautiful to minimize my waste generation and select the beautiful to minimize my waste generation and select the beautiful to minimize my waste generation and select the beautiful to minimize my waste generation and select the beautiful to minimize my waste generation and select the beautiful to minimize my waste generation and select the beautiful to minimize my waste generation and select the beautiful to minimize my waste generation and select the beautiful to minimize my waste generation and select the beautiful to minimize my waste generation and select the beautiful to minimize my waste generation and select the beautiful to minimize my waste generation and select the beautiful to minimize my waste generation and select the beautiful to minimize my waste generation and select the beautiful to minimize my waste generation and select the beautiful to minimize my waste generation and select the beautiful to minimize my waste generation and select the beautiful to minimize my waste generation and select the beautiful to minimize my waste generation and select the beautiful to minimize my waste generation and select the beautiful to minimize my waste generation and select the beautiful to minimize my was	e contents of this cond are in all respects in program in place to ve selected the praction health and the environst waste management Signature  OSITS  Committee  Signature	signment are tuning proper conditions the voluments of the conditions of the conditi	on for ime an I treatn I am a	transpo d toxic nent, si small o	ity of waste g lorage, or disp luantity genera	enerated to ossal curren ator, I have an afford.	the degree i hitly available to made a good for the Date Date Date Date Date Date Date Dat
RETURN MANIFEST TOI P.O. Box  16 CENERATOR'S CERTIFICATION: I hereby declare that the name and are classified, packed, marked, and labeled, an international and national government regulations.  It is am a large quantity generator, I certify that I have a determined to be economically practicable and that I have suffer minimizes the present and future threat to human error to minimize my waste generation and select the between the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protectio	e contents of this cond are in all respects in program in place to ve selected the praction health and the environst waste management Signature  OSITS  Committee  Signature	signment are tuning proper conditions the voluments of the conditions of the conditi	on for ime an I treatn I am a	transpo d toxic nent, si small o	ity of waste g lorage, or disp luantity genera	enerated to ossal curren ator, I have an afford.	the degree i hitly available to made a good for the Date Date Date Date Date Date Date Dat
RETURN MANIFEST TOI P.O. Box  16 CENERATOR'S CERTIFICATION: I hereby declare that the name and are classified, packed, marked, and labeled, an international and national government regulations.  It is am a large quantity generator, I certify that I have a determined to be economically practicable and that I have suffer minimizes the present and future threat to human error to minimize my waste generation and select the between the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protectio	e contents of this cond are in all respects in program in place to ve selected the praction health and the environst waste management Signature  OSITS  Committee  Signature	signment are tun proper conditions the voluments of the conditions	on for ime an I treatn I am a	transpo d toxic nent, si small o	ity of waste g lorage, or disp luantity genera	enerated to ossal curren ator, I have an afford.	the degree i hitly available to made a good for the Date Date Date Date Date Date Date Dat

Printed Typed Name

Signature

Month

25. Fix inty Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted Item 19

PLEASE PRINT OR TYPE	/Earm assessed to	- حمدة طمده 19 روزلم	ntae l	L. Fare	Accident OMB No		20 F	LFW
UNIFORM HAZARDOUS	(Form designed for use on		Manifest		Activoved OMB No 2. Page 1   Informa			
WASTE MANIFEST	- N.D.0.6.5.8		Acordent Mocument		of 1 State ia	uired by	e shaded . Federal i id K are req	nited by
3. Generator's Name and Mailing Address	114.0.0.0.0.0	13 13 13 17 0	11.0.0.1		of A State ia . State Manifest Doc	w		
JOHN P SAAD & SONS INC						869		
3655 TROUSDALE DR				Ш			133	
NASHVILLE TN 37204-4518	2111			B	. State Generator's I	D		
4. Generator's Phone ( 615)								
5. Transporter 1 Company Name	I 👗	ÚS EPA ID Number	3-5-6		. State Transporters			
ROBBIE D. WOOD		1.0.0.6.7.1.	<u> </u>		Transporter's Phur		744-8	440
7. Transporter 2 Company Name	l 8. (	US EPA ID Number		<u> </u>	. State Transporter's			
					. Transporter's Phon	e		
Designated Facility Name and Site Addr	ess 10	US EPA ID Number		G	. State Facility's ID			
CHEMICAL WASTE MANAGEMEN	T, INC.			L				
4636 ADAMS CENTER ROAD	1				Facility's Phone	EnE		
FORT WAYNE IN 46806	11.	. P. 8. 7. O. O. I	1 1 1 4	6	(219)447-5	282		
			12. Conta	ainers	13	14.	1	
11. US DOT Description (Including Proper S	hipping Name Hazard Clas	is lind it' Numberi	No.	Tuna	Total Quantity	Total WVVol.	Waste	. 12
* RO, HAZARDOUS WASTE, SC	NID NOG /F	197.01	110.	Туре				
9, NA3077, PG III (D040		70407 <b>,</b>					DØ40	
3, MASO77, PG 111 (B040	,		001	n	46000	D	2010	
5			1001	10.7	10000			
					]			
			,	1	1	1		
				<u> </u>	<del> </del>		<del></del>	
•			,	1				
				ĺ				
· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·		<u> </u>	<u> </u>	· · · · ·	ļ		<del></del> -
J								
			ļ		ļ	[		
			· · ·	<u> </u>				
J. Additional Descriptions for Malenais Listed Ar	ove			K. Han	ding Codes for Was	ites Listed	Above	
BR5560					D-81 LANDF	T1 1		
שסכנאם			l	1	D OI CHIND	166		
				<u> </u>				
15. Special Handling Instructions and Additional	Information							
CIM Engagonay Pasagasa I	nfantation (80	131765-6717						
CWM Emergency Response I	HIGHMACION (DO	6110-0113						
RETURN MANIFEST TO:	P. O. Bar 4170	ChATTENONS	1 TN 3	740	5			
<ol> <li>GENERATOR'S CERTIFICATION: I hereb</li> </ol>	by declare that the content	ts of this constante	ent are fully ar	nd accu	rately described at	ove by p	roper ship;	ing
name and are classified, packed, market international and national government re	d, and labeled, and are in .	all respects in prope	er condition fo	or trans	port by highway ac	cording t	o applicab	e
•	•	. in alasa ta saduan	the volume :	and tax	icity of waéta cen	rated to	the degree	l have
If I am a large quantity generator, I cen determined to be economically practical	bie and that I have select	ed the practicable m	nethod of trea	itment,	storage, or dispos	al current	ily available	to me
which minimizes the present and future effort to minimize my waste generation a	threat to human health a	and the environment	(; OR, if I am . d that is avail	a small able to	quantity generator me and that I can a	r. I have i ifford.	made a goo	od faith
Printed/Typed Name	THE SAAD SITE		0	7.	1 1		Date	
<b>0</b> <			1	1///	0-11	17	מיל וביט	44
ASENT FOR TONDSHALL OF		<u> </u>	1 July	0			10.0	11.7
12 Transporter 1 Acknowledgement of Reu- Printed ⁷⁷ and Name	t of Malenals	1 8//5 1			<del></del>		Date	
Printed Sed Ivanie		1111 11		. /	) (Lan-	_ 1^	71º1 2	105
Miluam 1)	1777TH	IVV PM		<u>~</u>	YIII		27	1 1.4
18. Transporter 2 Acknowledgement of Receip	t of Materials				<u>/</u> '			
Printed/Typed Name		Signature				IM	Dale Ionih  Day	Year
							·	<u> </u>
19. Discrepancy Indication Space								
					•			
			•					
20 Facility Owner or Operator Certification of	receipt of hazardo in materi	als rouged by the	anilest arcos:	as note	d tiem 19			
Printed/Typed Name	receipt of nazaroous materi	Signature	amesi except	as HORE			Date	
- Junious Typous Hullio		J.g. ~ 10.0						
	•	1				I M	onth Day	Year

OFFICE OF SOLID AND HAZARDOUS WASTE MANAGEMENT P.O. Box 7035 Indianapolle, IN 46207-7035

.

**CFWT** 

PLEASE PRINT OR TYPE (Form designed for use on		er.)	Four	Approved OMB No			
UNIFORM HAZARDOUS 1. Generator's US EPA WASTE MANIFEST T.N.D.0.6.5.8	1.	Manifest Obcument	<b>'2</b>	2. Page 1 Information of 1 State is	etion in ti quired by ). F, H, I as iw.	ne shuded are Federal law nd K are requir	
3. Generator's Name and Mailing Address JOHN P SAAD & SONS INC 3655 TROUSDALE DR	•		í	NA 05	S 86		
NASHVILLE TN 37204-4518 AND	_ ~		Ē	. State Generator's			
4. Generator's Phone ( 615 x) 353.03	US EPA ID Number			State Transporter	s ID	2760.	<del>, -</del>
DATT TOUCKING DA 7. Transporter 2 Company Name 8.	1.1.00.9.8.	6.5.8.2		). Transporter's Pho		37K40	4/
7. Transporter 2 Company Name 8. 1	US EPA ID Number		E	. State Transporter:			<b></b>
	US EPA ID Number	• • •		. Transporter's Phor . State Facility's ID	10		
CHEMICAL WASTE MANAGEMENT, INC.	00 21 7 10 1101110						
4636 ADAMS CENTER ROAD FORT WAYNE IN 46806	1.D.0.7.8.9.1	.1 .1 .4		(219) 447-5	5585		
:: US DOT Description (Including Proper Shipping Name, Hazard Clas	is, and ID Number)	12. Conta	Type	13. Total Quantity	14. Total Wt/Vol.	Wuste No	)
RQ, HAZARDOUS WASTE, SOLID, N.O.S., (D	0040),			47000		DØ40	
9, NA3077, PG III (D040)		pol	D.7	12000	P	DOTE	
						-	
		<u> </u>			<del> </del>		
1		<del> </del>					
- Julional Descriptions for Materials Listed Above		<u> </u>	K. Har	idling Codes for War	sles Liste	Abové	
				-			
BR5960				D-81 LAND	- 166		
notice in the control in the control in the control in the control in the control in the control in the control in the control in the control in the control in the control in the control in the control in the control in the control in the control in the control in the control in the control in the control in the control in the control in the control in the control in the control in the control in the control in the control in the control in the control in the control in the control in the control in the control in the control in the control in the control in the control in the control in the control in the control in the control in the control in the control in the control in the control in the control in the control in the control in the control in the control in the control in the control in the control in the control in the control in the control in the control in the control in the control in the control in the control in the control in the control in the control in the control in the control in the control in the control in the control in the control in the control in the control in the control in the control in the control in the control in the control in the control in the control in the control in the control in the control in the control in the control in the control in the control in the control in the control in the control in the control in the control in the control in the control in the control in the control in the control in the control in the control in the control in the control in the control in the control in the control in the control in the control in the control in the control in the control in the control in the control in the control in the control in the control in the control in the control in the control in the control in the control in the control in the control in the control in the control in the control in the control in the control in the control in the control in the control in the control in the control in the control in the control in the control in the control in the control			L				
CUM Conseque Recognes Information (A)	01765-8713						
CWM Emergency Response Information (80		- A		1			
RETURN MANIFEST TO Pro, Box 427  16. GENERATOR'S CERTIFICATION: I hereby declare that the content name and are classified, packed, marked, and labeled, and are in the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the cont	ts of this consignmen	it are thily ar	nd accu	rately described a	bove by o	roper snippin to applicable	9
international and national government regulations. If I am a large liuantity generator, I certify that I have a program	n in place to reduce t	he volume i	ind tox	icity of waste gen	erated to	the degree !	have
determined to be economically practicable and that I have select which minimizes the present and future threat to human health a effort to minimize my waste generation and select the best waste	ed the practicable me and the environment:	ethod of trea OR if I am	tment, a smal	storage, or dispos I quantity generate	ai curren r, I have	tiv available t	o me
Printed Typed Name THE SAAD SITE AS AGENT FOR ON BELATE OF SYSTERS COMMITTEE	Signature	6/1/	1/	2	]^	Date Page	č U
15 Agent Fort on DEAA! OF SYSTEMS Comp. 77.		7				- 40·11	<i>[-</i> [
E-madiTyped Name	Signature	. 11	14	77	14	Date Ionin Da	v _e
KICHARZ KALE	1 Jen	1	/2	ac-		20.95	7.4
Tell Transporter 2 Aliknowledgement of Receipt of Materials  Printed/Typed Name	Signature				I A	Date fonth Day	Year
							•
19 Discrepancy Indication Space						•	
				ě			
							į
0.5				d Itam 10			
2C Facility Owner or Operator: Certification of receipt of hazardous material Printed/Typed Name	als covered by this mar Signature	nnest except	as note	o nem 19.	<u> </u>	Date	V
	້				I M	onth Day	Year

01
ř
=
73
×
ᡖ
_
-
드
≗
at 317/241-4336 (day or night) and the
0
>
ū
U
$\overline{}$
ဗ္ဘ
5
÷
7
Ξ
Z
_
~
.,
풑
•••
O
espo
S
ø
~

_	
2	
S	
<b>2</b>	ی
_	1
g	ç
Ĕ	ی
Ĕ	5
Ξ	$\stackrel{>}{\sim}$
ō	ć
₹	C
$\leq$	č
Ц	Š
5	2
ď	ă
ũ	4
Ħ	:
)	?
ă	č
ā	α.
ē	ī
≘	,
Ü	÷
څ	è
=	Ċ
ä	(
0	,
₹	è
S	¢
α α	Č
ie of a spill call the Indiana Office of Environmental Hespo	22 Decrease Contar at 800/404-8800 or 202/406-2675
0	7
õ	è

P.O. Box 7033 Indianapolla, IN 48207-7035		2	4	433		CFW
	use on elite ( 12 pitch lypewn)			Actioned OMB No		
DIVID DIAL TIMEMADOUS	5 2 2 5 2 5 1	Manifest Document:I 7· ∩ · O · I	Voc;	2. Page 1 Information not record of 1 State is	quired by	he shaded areas in y Federal law, but nd K are required by
3. Generator's Name and Mailing Address		1001	- () A	. State Manifest Doc	ument N	umber
JOHN P SAAD & SONS INC 3655 TROUSDALE DR			- 11	<b>NA</b> 09	1869	397
NASHVILLE TN 37204-4518			В	. State Generator's	ID	
4 Generator's Phone ( 615 )645 33-55 Transporter 1 Company Name	0 39 7 6. US EPA ID Number		-   0	State Transporter's	1D 7	7274.1
DAST TOUCKING  7. Transporter 2 Company Name	0.40.00.9.8.	6583		Transponer's Phor		533-98 41
7. Transporter 2 Company Name	8. US EPA ID Number		<u> </u>	. State Transporter's		
9. Designated Facility Name and Site Address	10 US EPA ID Number			. Transporter's Phon  . State Facility's ID	ne 	
CHEMICAL WASTE MANAGEMENT, INC.	to oo et a lo tramour		١٩	. State Facility's 10		
4636 ADAMS CENTER ROAD	1			Facility's Phone		
FORT WAYNE IN 46806	1.N.D.0.7.8.9.1	1 1 4	6	(219)447-5	585	
11 US DOT Description (Including Proper Shipping Name, Haza	ard Class and ID Number)	12. Conta	Type	13. Total Quantity	14. Total Wt/Vol.	Wasie to
" RQ, HAZARDOUS WASTE, SOLID, N.O.S	i.,(D040),					
9, NA3077, PG III (D040)		1001	n	44000	P	D040
i.		1001	$\overline{D\cdot X}$	14000		
		<u> </u>	<u> </u>			
					1	
3		-				
		}		]		
Additional Descriptions for Materials Listed Above		<u> </u>	K Han	ding Codes for Was	sies Lister	1 Above
				_		
BR5960				D-81 LANDF	166	
15 Special Handling instructions and Additional Information			L			
Curl Consessor Deserves Information	(000)765-0717					
CWM Emergency Response Information				(	_	
RETURN MANIFEST TO P.O. BOX 16. GENERATOR'S CERTIFICATION: I hereby declare that the	4270 CAATT	ANOOG	7 7 accu	valety described at	DOVE DV	nioner shirt and
name and are classified, packed, marked, and labeled, and international and national government regulations.	are in all respects in proper	condition fo	or trans	port by highway ac	cording	to applicable
If I am a large quantity penerator I certify that I have a g	program in place to reduce t	he volume :	and tox	icity of waste gene	erated to	the degree I have
determined to be economically practicable and that I have	selected the practicable me health and the environment:	thod of trea	itment, a small	storage, or dispos   quantity generato	ai curren r. I have	itly available to me
effort to minimize my waste generation and select the best Printed Typed Name:		that is avail	lable to	me and that I can a	allord.	Date
ASASINT FOR LONBAMIFOF STUTING GO	Siff Signature	10-1	///	lal	12	209 9.9
17 Transporter 1 Acknowledgement of Receipt of Materials		79		8		
Contract Typed Name	Signatura		$\mathcal{A}$		14	Jonin Date
CIMEC COLE OC.	- Ohn		_0_			76417
13 Transporter 2 Acknowledgement of Receipt of Materials Printed/Typed Name	Signature	<del></del>				Date
•						donih Day Yea
19. Discrepancy Indication Space						
				•		
20. Facility Owner or Operator: Certification of receipt of hazardous		ndest except	as note	d Item 19.		
Printed/Typed Name	Signature				14	fonth Day Year
						<u>·   ·   ·</u>

HAZARDOUS 1. Generator's MANIFEST T · N · D · 0 · 6		Manifest	2. Pag	e 1 Inform	stion in Il	ne shaded are
	0 J O J J J J J J J	からな	0 01	items (	quired by ). F, H, I ar Iw.	ne shaded are Federal law, nd K are require
O & SONS INC			A. State	Manifest Do		
DALE DR			INF	1 08	9869	<u> 196</u>
TN 37204-4518 NV 33	3-0397		B. State	e Generator's	ID	
one ( 615) AS S S S S S S S S S S S S S S S S S S	6. US EPA IO Number		C. State	e Transporter	s 10	
). weal	ALDO.6.7.1.	3.88.9	D. Tran	sporter's Pho	ne 245-	744-84
ompany Name	8. US EPA ID Number		E. State	Transporter's	s ID	
cility Name and Site Address	10 US EPA ID Number	• • • •		sporter's Phore	ne	<del></del>
ASTE MANAGEMENT, INC.	TO GO ELA IO HUMBEI		0. 3.2	o r acinty a to		
CENTER ROAD IN 46806	1. N.D.Ø.7.8.9.1	1 1 4 6		lity's Phone	5585	
111 1000	11.14.0.0.7.0.3.1	12. Contai		13.	14.	i
ption includir g Proper Shipping Name, Haz	rard Class, and ID Number)	No.	Туре	Total Quantity	Total Wt/Vol.	Wuste No
DOUS WASTE, SOLID, N.O.	S.,(D040),					
PG III (D040)	•		ں ہے	<b>D</b> = a a	P	DØ40
		001	0.7 7	8000	<del>  '</del>	
		]				
			<u> </u>	<del></del>	<del> </del>	
			.   .		1	
Co. 101 Materials Listed Above			K. Handling	Codes for Wa	sles Listed	Above
			D-	B1 LANDI	FILL	•
instructions and Additional Information					<del></del>	
ncy Response Information	1 (800)765-8713					
WiFEST TO: P.O. Box L	1270 ChATTANA	OUA TO	J 37	405		
CERT FICATION: I hereby declare that the bassified, packed, marked, and labeled, and national government regulations.	e contents of this consignmen	it åre fully and	i accurately	/ described a	bove by p	roper shippin to applicable
muantify generator, I certify that I have a be economically practicable and that I have is the present and future threat to human ize my waste generation and select the bes	ve selected the practicable me health and the environment;	ethod of treat OR, if I am a	ment, stora small quar	ge, or dispos ntity generate	sal curren or, I have	tly available to
The SAAD	Signature	) ,	11/_/		<u> </u>	Date
THE SAAD CHOUDELANT OF STEETINGE	omites &	10gV	V en			1.20.91
	Signature	11	J			Date .
FWILLIAM	noh.	ne Ste		•	12	1001h Cag
knowledgement of Receipt of Materials	- gring				. —	
ame .	Signature				^	Nonth Day
scation Space						
		-		•		
ca	tion Space	ation Space	ition Space	ition Space	ition Space	stion Space

Year

Month

OFFICE OF SOLID AND HAZARDOUS WASTE MANAGEMENT P.O. Box 7035 Indianapolis, IN 46207-7035

CFWT PLEASE PRINT OR TYPE Form Approved OMB No. 2050-0039. Express 9:30-94. (Form designed for use on alite | 12-pitch typewriter.) 1. Generator's US EPA No. 2. Page 1 Information in the shaded areas in not required by Federal law but items D. F. H. I and K are required by State law. Manifest UNIFORM HAZARDOUS Pocument No WASTE MANIFEST T · N · D · 0 · 6 · 5 · 8 Generator's Name and Mailing Address State Manifest Document Number JOHN P SAAD & SONS INC 0986995 3655 TROUSDALE DR B. State Generator's ID NASHVILLE TN 37204-4516 -0297 Generator's Phone ( 615 Transporter 1 Company Name US EPA ID Number C. State Transporter's ID A.L.D.O.6.7. D Transporter's Phone 205-744-2440 Robbic D. Word
Transporter 2 Company Name US EPA ID Number E. State Transporter's ID F. Transporter's Phone 9. Designated Facility Name and Site Address 10 US EPA ID Number G. State Facility's ID CHEMICAL WASTE MANAGEMENT. INC. 4636 ADAMS CENTER ROAD H. Facility's Phone FORT WAYNE IN 46806 I.N.D.0.7.8.9.1.1.1.4.6 (219)447-5585 12. Containers Total Total 11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number) Wish w WtVol Quantity RO, HAZARDOUS WASTE, SOLID, N.O.S., (D040), 9, NA3077, PG III (D040) DØ40 ρ K. Handling Codes for Wastes Listed Above Additional Descriptions for Materials Listed Apove D-81 LANDFILL BR5960 15. Special Handling instructions and Additional Information CWM Emergency Response Information (800)765-8713 GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable KETHIN MANIFEST TO: international and national government regulations. If I am a large quantity generator. I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator. I have made a good faith 3 effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford. Printed/Typed Name Da:e The SAAD SITE Signature ALCNT FOITONDEHALF OF STESTING COMMIT ( Transporter 1 Acknowledgement of Receipt of Materials C inted/Typed Nam Signature 16 Transperier 2 Acknowledgement of R ceipt of Materials Date Day Printed/Typed Name Signature 19. Discrepancy Indication Space 20. Facility Owner or Operator. Certification of receipt of hazardous materials covered by this manifest except as noted Item 19. Printed/Typed Name Signature Dale Day

		4	2 6	1 13	333	Lrw.
· · · · · · · · · · · · · · · · · · ·	er age on outer of Displaton, Dewild					39 Econos 4:30-14
UNIFORM HAZARDOUS 1. Generator's	US EPA No.	Manifest J. prument No-		Page 1 Information not req	tion in th	e shuded areas is Federal law, but id K are required by
WASTE MANIFEST INDO	<u>65833543/</u>	7.0.03.	<u> </u>	Of 1   State las	w	
3. Generator's Name and Mailing Address			A.	State Manifest Doc	· .	
JOHN P SAAD & SONS INC 3655 TROUSDALE DR				<b>IA</b> 09	869	394
NOCHULLE IN 37204-4519 AUG	_		В. :	State Generator's II		
NASHVILLE TN 37204-4518 duly 33:	30347	· · · · · · · · · · · · · · · · · · ·				
5. Transporter 1 Company Name	6. US EPA ID Number			State Transporter's	-	
KODS & D. WOOD	ALD.06.7.1	3.8.8.9.	/ D.	Transporter's Phon	e205	-744-8440
7 Transporter 2 Company Name	8. US EPA ID Number		E. \$	State Transporter's	ID	
		· · · ·	F. 1	ransporter's Phon	е	
Designated Facility Name and Site Address	10 US EPA ID Number		G. :	State Facility's ID		
CHEMICAL WASTE MANAGEMENT, INC.	•		L			
4636 ADAMS CENTER ROAD	1			Facility's Phone	<b>-</b>	
FORT WAYNE IN 46806	1. P. 8. 7. O. D. N. I			(219)447-5	282	
	nard Criss and IO Number	12. Contain	ers	13. Total	14. Total	Vvasie No.
11 03 001 description fineliating Fraper Shipping Name, Fra	izara ciass, and ib Numberi	No. T	уре	Quantity	₩ŧ⁄Vol.	vvasie ivo.
RO, HAZARDOUS WASTE, SOLID, N.O.	S(D040).		Γ			
9, NA3077, PG III (D040)	- ,			11	ام	D040
		0014	27	4.7.000	/	
·• 1						
		1 1				
		1	$\cdot \downarrow$			
[-		1 1		İ		
		1	·			
			1			
İ			1			
		1	· !	• • • •		
. Huganina Descriptions of Materials Listed Above		٦	Handi	ing Codes for Was	tes Listed	Above
DOEGCO		İ		D-81 LANDF	71.	
BR5960			•	D-01 CHINDE	166	
12 ವರ್ಧವರ Handling distructions and Additional Information						
  CWM Emergency Response Informatio	n (800)765-8713					
· ·	4	··· / .		274	/. ~	ł
RETUIN MANIFEST TUI POOIL	SON 9210 CHAT	I HN DOG	Ø_	72 367	02	
16 CENERATOR'S CERT'FICATION: I hereby declare that the name and are classified, packed, marked, and labeled, at	ie contents of this consignmer nd are in all respects in proper	r condition for t	accura transp	ort by highway ac	cording	lo applicable
international and national government regulations.						
It I ain a large quantity generator. I certify that I have a netermined to be economically practicable and that I ha	program in place to reduce to	the volume and	d toxic	ity of waste gene	rated to	
the present and future threat to human	n health and the environment:	ORiflamas	small c	iuantity generator	r, I have	made a good faith
effort to minimize my waste generation and select the be		i inat is availab	ie to m	e and that I can a	1110fa.	
Tho SMI	Signature Signature		1/0	ſ	1^	לים בים ליין
AS AGUNT FOIT ON ASHAFOF STUSTING CO	MNITAS TAS	y VV	La	1		1.610.212.2
17. 1. inspaner 1 Assertionedgement of Receipt of Materials Prof. 4. D. (I.M.)	Signature	/				Date
REALLY KIND	5	gen of			1*	1000
Janes Step	177	<del>-                                    </del>	-			Dr. 11.7
To Transporter 2 Auxnowiedgement of Reverpt of Materials Printed/Typed Name	Signature	<u> </u>				Date
Finited typed frame	Signature				۱^	fonth Day Year
16 Description long theo Seesa				<del></del>		
19 Discrepancy Indication Space						1
						ļ
[						
		adaat amaat ==	00.00	llom 10		
2C. Facility Owner or Operator: Certification of receipt of hazards Printed/Typed Name	Signature	umesi except as	noted	лет 19.		Date
- mileur ypeu maine	Signature				1 1	toothi Day I Year

5:

In c Nai.



2 1339 4

CFWT

PLEASE PRINT OR TYPE (Form designed for use on elice i 12-pitch typown	iler)	Fein	A. aroved OMB No		
	Manifest Hodinment N		2. Page 1 Informa not rec items D of 1 State la	ulred by . F. H. I ar	ne shaded areas in Federal law, but nd K are required by
3. Generator's Name and Mailing Address JOHN P SAAD & SONS INC 3655 TROUSDALE DR		Î	NA 09	865	
NASHVILLE TN 37204-4518		8	. State Generator's I		
5. Transporter 1 Company Name 6. US EPA ID Number			State Transponer's		
ROBBIS D. WOOD ALDOGT.	3. <i>8.</i> 8.9.				-744-3440
7. Transporter 2 Company Name 8. US EPA ID Number		} <u>-</u>	State Transponer's Transponer's Phon		
9. Designated Facility Name and Site Address 10 US EPA ID Number	• • • •		. State Facility's ID		
CHEMICAL WASTE MANAGEMENT, INC. 4636 ADAMS CENTER ROAD		H	. Facility's Phone		
FORT WAYNE IN 46806 1.N.D.0.7.8.9.	1 .1 .1 4 (	6	(219)447-5	585	
11. US DOT Description. Including Proper Shipping Name. Hazard Class, and ID Number)	12. Contai	iners Type	13. Total Quantity	14. Total WtVol.	Waste No
° RO, HAZARDOUS WASTE, SOLID, N.O.S.,(D040), 9, NA3077, PG III (D040)				ρ	D040
	00.1	0.T	40000		
5					
C		·			
a		•			
					:
J. Additional Descriptions for Materials Listed Above		K Har	nating Codes for Was	ites Listed	Above
BR596 <b>0</b>			D-81 LANDF	ILL	
15 Special Handling instructions and Additional Information					
CWM Emergency Response Information (800)765-8713					
	روار الرميسية	4	ナーファ	1105	•
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignme name and are classified, packed, marked, and labeled, and are in all respects in prope international and national government regulations.	nt are fully an	o accu	rately described at	ove by p	proper shipping
If I am a large quantity generator, I certify that I have a program in place to reduce determined to be economically practicable and that I have selected the practicable myhich minimizes the present and future threat to human health and the environment	nethod of freat i: OR, if I am a	iment. 1 smal	storage, or dispos I quantity generato	al curren r. I have	tiv available to me
effort to minimize my waste generation and select the best waste management metho  Printed/Typed Name:  Th = SAAD SiTE Signature	d that is availa	1///	me and that I can a	anora.	1.20994
AS AGENT FORT ON BEHALF OF SEELING COMMITTES &	I ray	120	XXI	14	1.010711.9
17. Transporter 1 Acknowledgement of Receipt of Materials  Rinted/Typed Name  Rickit M Chale H40 Receipt of Materials	<u>(( ( )</u>	۹.	٠	1,	Monin Day Year
18 Transporter 2 Acknowledgement of Receipt of Materials Printed/Typed Name Signature					Date
19. Discrepancy Indication Space					Month Day Year
, 4,					
					•
20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this m.	anifest except a	as note	d Item 19.		
Printed/Typed Name Signature				1^	fonth Day Year

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT OFFICE OF SOLID AND HAZARDOUS WASTE MANAGEMENT P.O. Box 7035 Indianapolis, IN 46207-7035

2 4

CFWT

_	PLEASE PRINT OR TYPE (Form designed)	ar on elite ( 12-pitch typewrite	r)	Form Appro			39. Examps 9-10-34
1	UNIFORM HAZARDOUS 1. Generator's US	i i	Manifest Decument No	2. Pag	e 1 Informa	tion in th	e shaded areas in Federal law, but id K are required by
Ш	WASTE MANIFEST T.N.D.O.C.	·5·8·3·3·5·4·3	t00.2	4 01	1 State las Manifest Doc	W.	mbes
11	JOHN P SAAD & SONS INC			INIA			
	3655 TROUSDALE DR			IIVE		870	101
	NASHVILLE TN 37204-4518	2-1267		B. State	e Generator's I	ь	
$\prod$	4. Generator's Phone ( 6.5. Transporter 1 Company Name	6. US EPA ID Number		C State	a Transporter's	i ID	
'	ROBA & D. WOOD	AL.D.O. 6713.8	3.8.9	. D Tran	sponer's Proc	-205-	744-8440
	7. Transporter 2 Company Name	8. US EPA ID Number			e Transporter s		
				F. Tran	sporter's Phon	e	
	Designated Facility Name and Site Address	10 US EPA ID Number		G. Stat	e Facility's ID		
	CHEMICAL WASTE MANAGEMENT, INC.						
	4636 ADAMS CENTER ROAD FORT WAYNE IN 46806	1. N. D. 0. 7.8.9.1	1 1 4		lity's Phonr 19)447-5	5585	}
	FURT WHINE IN 40006	1, 14, 0, 0, 7, 0, 3, 1	12. Conta		13.	·····	
	11. US DOT Description (Including Proper Shipping Name, Hazar	d Class, and ID Number)	1 1	1	Total	14. Total	Waste No
:	4 00 1030000 10055	(03/3)	No.	Туре	Quantity	WtVol.	
1,3	RO, HAZARDOUS WASTE, SOLID, N.O.S. 9, NA3077, PG III (D040)	.,(טשאט),					DØ40
	, MASO 77, PO 111 (BOYO)		001	クナル	7000	P	
.	•	······································			112.5.	1	
:	,		[ ]				
-							
-							
1			]	1		1	
l	<u></u>			<u>·   ·</u>	· · · ·		
	J						
11						[	
	Submichar Descriptions for Materials Listed Above		١	K. Hangling	Codes for tyas	stes Listed	J Atové
				_			
H	BR5960			D-	81 LAND	FILL	
1	15. Special Handling Instructions and Additional Information						
	CWM Emergency Response Information	(800) 765-8713					
	I			- / -	<b></b>		
	RETUIN MAN: FOST TO! P.B. BOX 4	270 CHATTAN	00gA 7	<b>√</b> ≤	1405		
li	hame and are classified, packed, marked, and labeled, and	ontents of this consignmen are in all respects in proper	t are fully an condition to	d accurately r transport i	y described at by highway ac	cording	to applicable
	international and national government regulations.						
1:	If I am a large quantity generator. I certify that I have a prodetermined to be economically practicable and that I have	selected the practicable me	thod of treat	ment, stora	ige, or dispos	al curren	tly available to nie
	which ininimizes the present and future threat to human hi effort to minimize my waste generation and select the best	ealth and the environment; waste management method	OR, if I am a thot is availa	a small quai able to me a	ntity generato ind that I can a	r. I have afford.	made a good faith
H				.//	1.	1.4	Date focial C. 1
+	AS AG ONT FOR YON BEHALF OF STEETING	COMMITTEE X	7 ran	WV.	21		20994
	17. Transporter 1 Acknowledgement of Receipt of Materials						
1 4 7	Printed/Typed Name	Signature				1.4	Date Jonin Dala
3 2	FRANK POLETZ		1			/	.204 8.4
5	18 Transporter 2 Acknowledgement of Receipt of Materials		<del>\</del>				
3 t + 1 C	Printed/Typed Name	Signature	)			١٨	Month Day   Year
1=	19. Discrepancy Indication Space				-		<del>.   .   .  </del>
	13. Oldereparity moleation apace						
F					,	-	<del>द्रिक्त</del> ार .
Ĉ						James .	
1:					, <b>-</b>	-	Andrew Property
1 +	20. Facility Owner or Operator: Certification of receipt of hazardous	materials covered by this man	ifest except a	s noted Item	19.	'E sympa	-
'	Printed/Typed Name	Signature				1.4	Date Ionin Day   Year

11-4336 (day or night) and the

In cas: spill call the Indiana Office of Environmental Response at 3 Nations. response Center at 800/424-8802 or 202/426-2675.

TUU/BED ANI

Month

Day

Year

ج

OFFICE OF SOLID AND HAZARDOUS WASTE MANAGEMENT P.O. Box 7035 Indianapolis, IN 48207-7035

CFWT PLEASE PRINT OR TYPE in designed for use on elite (-12 pitch himmwriter. Form Approved OMB No. 2050-0039, Expires 4-30 94 UNIFORM HAZARDOUS 1. Generator's US EPA No. 2. Page 1 information in the shuded areas is not required by Federal law, but items D. F., H., I and K are required by Manite it WASTE MANIFEST T. N. D. & 6. 5. B. 3. JUHN P SAAD & SONS INC A State Manifest Document Number 3655 TROUSDALE DR NASHVILLE TN 37204-4518 B. State Generator's ID 3.039 Generator's Phone ( 615) **447** Transporter 1 Company Name C State Transporter's ID D. Transponer's Phinc 265-744-8440 Transporter 2 Company Nam E. State Transporter's ID F. Transporter's Phone 9. Designated Facility Name and Site Address US EPA ID Number G. State Facility's ID CHEMICAL WASTE MANAGEMENT, 4636 ADAMS CENTER ROAD H Facility's Phone FORT WAYNE IN 46806 I. N. D. Ø. 7. 8. 9. 1. 1. 1. 4. 6 (219)447-5585 12. Containers Total Total Waste No 11 US DOT Description (Including Proper Shipping Name, Hazard Class, and iD Number) Quantity Wt/Vol RQ, HAZARDOUS WASTE, SOLID, N.O.S., (D040), 9, NA3077, PG III (D040) D040 Handling Codes for Wastes Listed Above multi flai Descriptione di Materiais Listed Above BR5960 D-81 LANDFILL all Hampin, instructions and Additional Information CWM Emergency Response Information (800)765-8713 ChATTANOO; A CENERATOR'S CENTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If i ain a large quantity generator. I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR if I am a small quantity generator. I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford. The SAAA SITS BSHALFOR S1501.NO Acknowledgement of Receipt of Materials นะเรคยกษ Signature MG Immsporter 2 A knowledgement of Receipt of Materials Printed Typed Name Signature Date Day Month Year Tal Discrepancy Indication Space 26. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted Item 19.

EPA Form 8700-22 Previous editions are obsolete State Form 11865 (R/4-89)

Printed/Typed Name

Signature

2. Page 1	שישים	4
information in the shaded a	roved OMB No 2050-0059 Experies	1342

	1				_,_	<u> </u>	·		<del>,</del> -			-, 4-			J							<del></del>		<del></del>
20 Facility Owner or Operator Certification of receip Printed/Typed Name	19 Dis:repancy Indication Space		ter 2 Acknowle	Hamp Cason	Printed/Typed Name  Printed/Typed Name	AS ASSINT FOCKONDESHALLEDE SIL	determined to be economically practicable a which minimizes the present and future thre effort to minimize my waste generation and s	16. GENERATOR'S CERTIFICATION: I hereby declared and are classified, packed, marked and international and national government regular	RETUN MANIFEST TO; P.C.	ial Handling instructions and Additiona	BR5960	Additional Descriptions for Materials Listed Above	Q	c	o	9, NA3077, PG III (D040)		FORT WAYNE IN 46806	~ ~	1	RODE COmpany Name	hone ( 615) Sign to	JUHN P SAAD & SONS INC 3655 TROUSDALE DR NASHVILLE IN 37204-4518	WASTE MANIFEST To Benerator's Name and Mailing Address
Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted item 19 Printed/Typed Name Signature		Signature	Aaterials	Mark C	Materials	FIRECOND COMMITTEES AND COMMING	n health and	GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper showing name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.	P.c. Box 4170 charmanga.	rmalion				•	•	ID, N. O. S., (D040),	Ha: and Class, and iD Numberi N	I. N. D. Ø. 7. 8. 9. 1. 1. 1. 4	INC.	١.	ALD 0.6.7.1.3.8.89.	333-0397 6 US EPA ID Number		. N. D. O. 6. 5. 8. 3. 3. 5. 4. 3 1. 0.0. 2. 6
Month Date		Month Day 1		1.209FS	Date	11/21 1/309/49	alment, storage, or disposal currently available to a small quantity generator, I have made a good to lable to me and that I can afford.	nd accurately described above by proper shipping or fransport by highway according to applicable	74 37405		D-81 LANDFILL	K. Handling Codes for Wastes Listed Acove		•		D.T 48000 P DO40	Containers 13 14. Total Total Vision v. Type Quantity WiVol.	6 (219)447-5585	G. State Facility's ID		m = i	C State Transponer's ID	B. State Generator's ID	A State Manual Document Number
Year		C O	لبا	7-			HVII F		i							·								٥

2 4 1343

at 317/241-4336 (day or night) and the	
spc	nai Response Center at 800/424-8802 or 202/426-2675.

,	
ı	$\triangleright$
1	
ſ	
I	
ļ	
1	
l	$\mathcal{L}$
1	
۱	$\infty$
l	
ì	_
1	•
1	$\overline{}$
i	_
1	
ı	$\overline{}$
ľ	7
ı	4
1	
ŧ	

I	UNIFORM HAZARDOUS 11. Generator	's US EPA No.	Manifest		. Page 1 Informa	tion in th	e shuded areas Federal law, bu d K are required b
1		3. 6. 5. 8. 3. 3. <u>5. 4. 3</u>	From 2	7	of 1 State la	F, H, Ian w.	d K are required t
1	3. Generator's Name and Mailing Address		7	Ä	Luie Munitest Doc	ument Nu	mber
1	JOHN P SAAD & SONS INC			111	NA ng	870	1
1	3655 TROUSDALE DR NASHVILLE TN 37204-45!9			) [1] [1]	Hate Generator's		<u>,                                    </u>
	1. Generator's Phone ( 615)	53-0397				-	
	5. Transporter 1 Company Name	6. US EPA ID Number		c	State Transporter:	10 7	737Kcoh
1	DACT TOUCKENG	OHD-0098	6582	৾৶য়ঢ়	Transporter's Phor		533-1841
İ	7. Transporter 2 Company Name	8. US EPA ID Number	<u> </u>		State Transporter's		10 17
				, F.	Transporter's Phon	16	
	9. Designated Facility Name and Site Address	10 US EPA ID Number	······································	G	State Facility's ID		
	CHEMICAL WASTE MANAGEMENT, INC.						
:	4636 ADAMS CENTER ROAD	1			Facility's Phone	5505	
;	, FORT WAYNE IN 46806	I, N, D, Ø, 7, 8, 9,	1, 1, 1, 4	.6	(219)447-	5585	
			12. Conta	iners	_13.	14.	
	1 US DOT Description Including Proper Shipping Name, F	fazard Class, and iD Number:	No.	Туре	Total Quantity	Total Wt/Voi.	Waste No.
	RO, HAZARDOUS WASTE, SOLID, N.	) S (DW40)		TPU			<del></del>
	9, NA3077, PG III (D040)	3. 3. , (20 10 )			٠	_	DØ40
`			1001	NT	44000	P	
_			W.E.			1	
	!					}	
:							
1							
i	-2		i				· <del></del>
1			}	}			
1							
	30 Juna: Descriptions for Materials Listed Above		··········	к. Han	uling Codes for Was	sies Listed	Above
1	22556			1	D 04 1 000	C71 •	•
i	BR5960			1	D-81 LAND	LILL	
i	l .						
İ							
!	15 Succeed Handlink distributions and Additional Information						
!		nn (800)765-8713					
	CWM Emergency Response Informati				<b></b>		
	CWM Emergency Response Informati		-BN 0091	4 7	-3740 لم	5	
		x 4170 Charry	int are fully a	no accu	rately nescribed a	DOVE DV D	roper shipping o applicable
	CWM Emergency Response Informati  RETURN MANIFEST To, Po. Bo 16 GENERATOR'S CERTIFICATION: I hereby declare that hame and are classified packed, marked, and labeled, international and national government regulations.  If I am a large quantity generator Legify that I have	x 41 70 Ch477 the contents of this consignme and are in all respects in prope	er condition for	nd accu or trans	rately described a port by highway ad icity of waste gen	bove by p ccording t erated to	the degree I have
	CWM Emergency Response Informating RETURN MANIFEST TO, Po. Bo. 16 GENERATOR'S CERTIFICATION: I hereby declare that name and are classified packed, marked, and labeled, international and national government regulations.	the contents of this consignme and are in all respects in prope a program in place to reduce have selected the practicable man health and the environment	the volume and the condition for the volume and the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condi	or trans and tox itment. a small	rately described a port by highway activity of waste gen storage, or disposed auantity generate	erated to al current	the degree I havily available to m
	CWM Emergency Response Informating RETURN MANIFEST To Po. Bo. 16 GENERATOR'S CERTIFICATION: I hereby declare that in name and are guassified packed, marked, and labeled, international and national government regulations.  If i aim a large quantity generator, I certify that I have determined to be economically practicable and that I have the minimizes the present and future threat to hum effort to minimize my waste generation and select the termined.	the contents of this consignme and are in all respects in prope a program in place to reduce have selected the practicable man health and the environment pest waste management metho	the volume and the condition for the volume and the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condi	or trans and tox itment. a small	rately described a port by highway activity of waste gen storage, or disposed auantity generate	erated to al current or, I have a	the degree I havily available to made a good fail
	CWM Emergency Response Informating RETURN MANIFEST To Po. Bo. 16 GENERATOR'S CERTIFICATION: I hereby declare that in name and are guassified packed, marked, and labeled, international and national government regulations.  If i aim a large quantity generator, I certify that I have determined to be economically practicable and that I have the minimizes the present and future threat to hum effort to minimize my waste generation and select the termined.	the contents of this consignme and are in all respects in prope a program in place to reduce have selected the practicable man health and the environment pest waste management metho	the volume and the condition for the volume and the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condi	or trans and tox itment. a small	rately described a port by highway activity of waste gen storage, or disposed auantity generate	erated to al current or, I have a	the degree I have the degree I have the degree I have the made a good fait
	CWM Emergency Response Informatian RETURN MANIFEST To, Po. Bo. 16 GENERATOR'S CERTIFICATION: I hereby declare that the name and are diassified packed, marked, and labeled, international and national government regulations.  If i aim a large quantity generator, I certify that I have determined to be economically practicable and that I have the minimizes the present and future threat to humber to minimize my waste generation and select the termined.	the contents of this consignme and are in all respects in prope a program in place to reduce have selected the practicable man health and the environment pest waste management metho	the volume and the condition for the volume and the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condi	or trans and tox itment. a small	rately described a port by highway activity of waste gen storage, or disposed auantity generate	erated to al current or, I have a	the degree I havily available to mmade a good fait
	CWM Emergency Response Informating RETURN MANIFEST To, Po. Bo. 16 GENERATOR'S CERTIFICATION: I hereby declare that in name and are classified packed, marked, and labeled, international and national government regulations.  If I am a large quantity generator, I certify that I have determined to be economically practicable and that I have determined to be economically practicable and that I have determined to be economically practicable and that I have determined to be economically practicable and that I have determined to minimize my waste generation and select the temperature of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of the protection of th	the contents of this consignme and are in all respects in prope a program in place to reduce have selected the practicable man health and the environment pest waste management metho	the volume and the condition for the volume and the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condi	or trans and tox itment. a small	rately described a port by highway activity of waste gen storage, or disposed auantity generate	erated to al current or, I have a	the degree I have ly available to made a good fait
	CWM Emergency Response Information Return MANIFES T. To., Po. Bo. 16 GENERATOR'S CERTIFICATION: I hereby declare that in name and are classified packed, marked, and labeled, international and national government regulations.  If I aim a large quantity generator. I certify that I have determined to be economically practicable and that I have determined to be economically practicable and that I have determined to be economically practicable and that I have determined to be economically practicable and that I have determined to be economically practicable and that I have the present and future threat to hum.  Printed Typed Norma.  AS AS SITE OF ON BOMIF OF STORY WAS ASSITED. TO SERVING THE PROPERTY OF STORY WAS ASSITED.	the contents of this consignme and are in all respects in prope a program in place to reduce have selected the practicable man health and the environment dest waste management method STTS Signature	the volume and the condition for the volume and the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condi	or trans and tox itment. a small	rately described a port by highway activity of waste gen storage, or disposed auantity generate	erated to al current or, I have a	the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I
	CWM Emergency Response Information Return MANIFES T. To., Po. Bo. 16 GENERATOR'S CERTIFICATION: I hereby declare that in name and are classified packed, marked, and labeled, international and national government regulations.  If I aim a large quantity generator. I certify that I have determined to be economically practicable and that I have determined to be economically practicable and that I have determined to be economically practicable and that I have determined to be economically practicable and that I have determined to be economically practicable and that I have the present and future threat to hum.  Printed Typed Norma.  AS AS SITE OF ON BOMIF OF STORY WAS ASSITED. TO SERVING THE PROPERTY OF STORY WAS ASSITED.	the contents of this consignme and are in all respects in prope a program in place to reduce have selected the practicable man health and the environment dest waste management method STTS Signature	the volume and the condition for the volume and the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condi	or trans and tox itment. a small	rately described a port by highway action of waste gen storage, or disposed auantity generate	erated to al current or, I have a	the degree I have ly available to made a good fait
1.7.1717	CWM Emergency Response Informatian RETURN MANIFEST To, Po. Bo. 16 GENERATOR'S CERTIFICATION: I hereby declare that name and are plassified packed, marked, and labeled, international and national government regulations.  If I am a large quantity generator, I certify that I have determined to be economically practicable and that I have determined to be economically practicable and that I have determined to be economically practicable and that I have entered to minimize my waste generation and select the temporary production.  Printed Typed Name  AS ASSISTED TON BOMIFOR STOTING.  Transporter 2 As knowledgement of Receipt of Materials Printed Typed Name.	the contents of this consignme and are in all respects in prope a program in place to reduce have selected the practicable man health and the environment dest waste management method STTS Signature	the volume and the condition for the volume and the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condi	or trans and tox itment. a small	rately described a port by highway action of waste gen storage, or disposed auantity generate	erated to al current r. I have rafford.	the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I
	CWM Emergency Response Informatian RETURN MANIFEST To, Po. Bo. 16 GENERATOR'S CERTIFICATION: I hereby declare that name and are plassified packed, marked, and labeled, international and national government regulations.  If I am a large quantity generator, I certify that I have determined to be economically practicable and that I have determined to be economically practicable and that I have determined to be economically practicable and that I have entered to minimize my waste generation and select the temporary production.  Printed Typed Name  AS ASSISTED TON BOMIFOR STOTING.  Transporter 2 As knowledgement of Receipt of Materials Printed Typed Name.	the contents of this consignme and are in all respects in prope a program in place to reduce have selected the practicable man health and the environment pest waste management method Sits Signature  Signature  Signature	the volume and the condition for the volume and the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condi	or trans and tox itment. a small	rately described a port by highway action of waste gen storage, or disposed auantity generate	erated to al current r. I have rafford.	the degree I have the degree I have the degree I have the additional to made a good fait to the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the
7	CWM Emergency Response Informatian RETURN MANIFEST To, Po. Bo. 16 GENERATOR'S CERTIFICATION: I hereby declare that name and are plassified packed, marked, and labeled, international and national government regulations.  If I am a large quantity generator, I certify that I have determined to be economically practicable and that I have determined to be economically practicable and that I have determined to be economically practicable and that I have entered to minimize my waste generation and select the temporary production.  Printed Typed Name  AS ASSISTED TON BOMIFOR STOTING.  Transporter 2 As knowledgement of Receipt of Materials Printed Typed Name.	the contents of this consignme and are in all respects in prope a program in place to reduce have selected the practicable man health and the environment pest waste management method Sits Signature  Signature  Signature	the volume and the condition for the volume and the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condi	or trans and tox itment. a small	rately described a port by highway action of waste gen storage, or disposed auantity generate	erated to al current r. I have rafford.	the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I
7	CWM Emergency Response Information RETURN MANIFEST To, Po. Bo. 16 GENERATOR'S CERTIFICATION: I hereby declare that in name and are classified packed, marked, and labeled, international and national government regulations.  If I am a large mainty generator, I certify that I have determined to be economically practicable and that I have determined to be economically practicable and that I have determined to be economically practicable and that I have determined to be economically practicable and that I have determined to be economically practicable and that I have determined to be economically practicable and that I have determined to be economically practicable and that I have determined to be economically practicable and that I have determined to minimize my waste generation and select the temperature of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of	the contents of this consignme and are in all respects in prope a program in place to reduce have selected the practicable man health and the environment pest waste management method Sits Signature  Signature  Signature	the volume and the condition for the volume and the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condi	or trans and tox itment. a small	rately described a port by highway action of waste gen storage, or disposed auantity generate	erated to al current r. I have rafford.	the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I
7	CWM Emergency Response Information RETURN MANIFEST To, Po. Bo. 16 GENERATOR'S CERTIFICATION: I hereby declare that in name and are classified packed, marked, and labeled, international and national government regulations.  If I am a large mainty generator, I certify that I have determined to be economically practicable and that I have determined to be economically practicable and that I have determined to be economically practicable and that I have determined to be economically practicable and that I have determined to be economically practicable and that I have determined to be economically practicable and that I have determined to be economically practicable and that I have determined to be economically practicable and that I have determined to minimize my waste generation and select the temperature of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of	the contents of this consignme and are in all respects in prope a program in place to reduce have selected the practicable man health and the environment pest waste management method Sits Signature  Signature  Signature	the volume and the condition for the volume and the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condi	or trans and tox itment. a small	rately described a port by highway action of waste gen storage, or disposed auantity generate	erated to al current r. I have rafford.	the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I
7	CWM Emergency Response Information RETURN MANIFEST To, Po. Bo. 16 GENERATOR'S CERTIFICATION: I hereby declare that in name and are classified packed, marked, and labeled, international and national government regulations.  If I am a large mainty generator, I certify that I have determined to be economically practicable and that I have determined to be economically practicable and that I have determined to be economically practicable and that I have determined to be economically practicable and that I have determined to be economically practicable and that I have determined to be economically practicable and that I have determined to be economically practicable and that I have determined to be economically practicable and that I have determined to minimize my waste generation and select the temperature of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of	the contents of this consignme and are in all respects in prope a program in place to reduce have selected the practicable man health and the environment pest waste management method Sits Signature  Signature  Signature	the volume and the condition for the volume and the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condi	or trans and tox itment. a small	rately described a port by highway action of waste gen storage, or disposed auantity generate	erated to al current r. I have rafford.	the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I
FA	CWM Emergency Response Information RETURN MANIFEST To, Po. Bo. 16 GENERATOR'S CERTIFICATION: I hereby declare that in name and are classified packed, marked, and labeled, international and national government regulations.  If I am a large mainty generator, I certify that I have determined to be economically practicable and that I have determined to be economically practicable and that I have determined to be economically practicable and that I have determined to be economically practicable and that I have determined to be economically practicable and that I have determined to be economically practicable and that I have determined to be economically practicable and that I have determined to be economically practicable and that I have determined to minimize my waste generation and select the temperature of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of	the contents of this consignme and are in all respects in prope a program in place to reduce have selected the practicable man health and the environment pest waste management method Sits Signature  Signature  Signature	the volume and the condition for the volume and the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condi	or trans and tox itment. a small	rately described a port by highway action of waste gen storage, or disposed auantity generate	erated to al current r. I have rafford.	the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I
FA	CWM Emergency Response Informatian RETURN MANIFEST To, Po. Bo. 16 GENERATOR'S CERTIFICATION: I hereby declare that in name and are plassified packed, marked, and labeled, international and national government regulations.  If i am a large quantity generator, I certify that I have determined to be economically practicable and that I have determined to be economically practicable and that I have determined to be economically practicable and that I have determined to be economically practicable and that I have determined to be economically practicable and that I have determined to be economically practicable and that I have determined to be economically practicable and that I have determined to minimize my waste generation and select the termined Typed Name  The SAMA AS AS SAME FOR THE TRANSPORTED TO Materials  The Transporter 2 As knowledgement of Receipt of Materials  Printed Typed Name  19 Discrepancy Indication Space	the contents of this consignme and are in all respects in proper a program in place to reduce have selected the practicable man health and the environment dest waste management method Sirs Signature  Signature  Signature	the volume and the volume and the volume and the volume and the volume and the volume and the volume and the volume and the volume and the volume and the volume and the volume and the volume and the volume and the volume and the volume and the volume and the volume and the volume and the volume and the volume and the volume and the volume and the volume and the volume and the volume and the volume and the volume and the volume and the volume and the volume and the volume and the volume and the volume and the volume and the volume and the volume and the volume and the volume and the volume and the volume and the volume and the volume and the volume and the volume and the volume and the volume and the volume and the volume and the volume and the volume and the volume and the volume and the volume and the volume and the volume and the volume and the volume and the volume and the volume and the volume and the volume and the volume and the volume and the volume and the volume and the volume and the volume and the volume and the volume and the volume and the volume and the volume and the volume and the volume and the volume and the volume and the volume and the volume and the volume and the volume and the volume and the volume and the volume and the volume and the volume and the volume and the volume and the volume and the volume and the volume and the volume and the volume and the volume and the volume and the volume and the volume and the volume and the volume and the volume and the volume and the volume and the volume and the volume and the volume and the volume and the volume and the volume and the volume and the volume and the volume and the volume and the volume and the volume and the volume and the volume and the volume and the volume and the volume and the volume and the volume and the volume and the volume and the volume and the volume and the volume and the volume and the volume and the volume and the volume and the volume and the volume and the volume and the volume and the volume and the volume and the vo	and tox atment. a small lable to	rately described a port by highway activity of waste gen storage, or dispos quantity generate me and that I can	erated to al current r. I have rafford.	the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I
FACILI	CWM Emergency Response Information RETURN MANIFEST To, Po. Bo. 16 GENERATOR'S CERTIFICATION: I hereby declare that in name and are classified packed, marked, and labeled, international and national government regulations.  If I am a large mainty generator, I certify that I have determined to be economically practicable and that I have determined to be economically practicable and that I have determined to be economically practicable and that I have determined to be economically practicable and that I have determined to be economically practicable and that I have determined to be economically practicable and that I have determined to be economically practicable and that I have determined to be economically practicable and that I have determined to minimize my waste generation and select the temperature of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of	the contents of this consignme and are in all respects in proper a program in place to reduce have selected the practicable man health and the environment dest waste management method Sirs Signature  Signature  Signature	the volume and the volume and the volume and the volume and the volume and the volume and the volume and the volume and the volume and the volume and the volume and the volume and the volume and the volume and the volume and the volume and the volume and the volume and the volume and the volume and the volume and the volume and the volume and the volume and the volume and the volume and the volume and the volume and the volume and the volume and the volume and the volume and the volume and the volume and the volume and the volume and the volume and the volume and the volume and the volume and the volume and the volume and the volume and the volume and the volume and the volume and the volume and the volume and the volume and the volume and the volume and the volume and the volume and the volume and the volume and the volume and the volume and the volume and the volume and the volume and the volume and the volume and the volume and the volume and the volume and the volume and the volume and the volume and the volume and the volume and the volume and the volume and the volume and the volume and the volume and the volume and the volume and the volume and the volume and the volume and the volume and the volume and the volume and the volume and the volume and the volume and the volume and the volume and the volume and the volume and the volume and the volume and the volume and the volume and the volume and the volume and the volume and the volume and the volume and the volume and the volume and the volume and the volume and the volume and the volume and the volume and the volume and the volume and the volume and the volume and the volume and the volume and the volume and the volume and the volume and the volume and the volume and the volume and the volume and the volume and the volume and the volume and the volume and the volume and the volume and the volume and the volume and the volume and the volume and the volume and the volume and the volume and the volume and the volume and the volume and the volume and the vo	and tox atment. a small lable to	rately described a port by highway activity of waste gen storage, or dispos quantity generate me and that I can	erated to all current for. I have rafford.	the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I have the degree I

Date Day

Month

to discountly the secon many		2 4		1344		
indianapolla, IN 46207-7035				-		CF
PLEASE PRINT OR TYPE (Form designe	ed for assissmente (12-piloh typowi	nter.)		Ammoved, OMB No	2050-00	
ONII ONIII HAZANDOOS	0.6.5.8.3.3.5.4.3	Manifest Apolimenta HOOO		2 Page 1 Informa not re- items 0 of 2 State is	tion in the quired by ), F, H, I ar	ne shaded areas in Federal law, build K are required by
3 Generator's Name and Mailing Address JOHN P SAAD & SONS INC		, , <u>, , , , , , , , , , , , , , , , , </u>		ature Manifest Doc		umber
3655 TROUSDALE DR				<b>NA</b> 09	870	005
NASHVILLE TN 37204-4515			B	. State Generator's		
4. Generator's Phone ( 615)	33-0397 . 6. US EPA ID Number					
5. Transporter I Company Name	1 1 1	1000		State Transporter's Transporter's Provi		37toh
7. Transporter 2 Company Name	0.Η.Δ.00.9.8 8. US EPA ID Number	10.2.0x		. State Transponer's	013	<u>533-984/</u>
,				Transporter's Phor		
9. Designated Facility Name and Site Address	10 US EPA ID Number			. State Facility's ID		
CHEMICAL WASTE MANAGEMENT, INC.						
4636 ADAMS CENTER ROAD	1			Facility's Phone		
FORT WAYNE IN 46806	I.N.D.Ø.7.8.9			(219)447-5	5585	
11 US DOT Description including Proper Shipping Name	Hazard Class, and iD Numberi	12. Conta	ainers 	13. Total	14. Total	t Wasie No
		No.	Туре	Quantity	Wt/Vol.	
<ul> <li>RO, HAZARDOUS WASTE, SOLID, N.</li> <li>9, NA3077, PG III (D040)</li> </ul>	U.S., (D040),		!	1		Dave
2, 1110011, 13 111 130407		00.1	12-	42.500	$\rho$	D040
		1001	21	15200	1	
		l	1			
		<u> </u>	<u> </u>		<b> </b>	
<b>a</b>						
				1	}	
- Additional Descriptions for Materials Listed Above			K Har	dling Codes for Wa	stes Listed	I ADOVE
DOSOCA						
BR5960				D-81 LANDE	ILL	
			<u> </u>			<del> </del>
15 Special Handling instructions and Additional Information						
CWM Emergency Response Informati	ion (800)765-8713					
			7	1 2741	_	
^	11177. 1/477	0 - 10 0		2/702	<u> </u>	room shower
RETURN MANIFOST TO, PO. BOX	the contents of this consignment	PNOGA ent are fully as	nd accu	rately described a	bove by p	hoper simponing
RETURN MANIFEST TO, PO. BOX 16 GENERATOR'S CERTIFICATION: I hereby declare that name and are classified, packed, marked, and labeled	the contents of this consignment	ent are fully as	nd accu or trans	rately described a port by highway a	bove by p cording	to applicable
RETURN MANIFEST TO, PO. Box  16 GENERATOR'S CERTIFICATION: I hereby declare that name and are classified, packed, marked, and labeled international and national government regulations.  If I am a large quantity generator, I certify that I have	It the contents of this consignment, and are in all respects in property and are in all respects to reduce to reduce to reduce to reduce to reduce to reduce to reduce to reduce to reduce to reduce to reduce to reduce to reduce to reduce to reduce to reduce to reduce to reduce to reduce to reduce to reduce to reduce to reduce to reduce to reduce to reduce to reduce to reduce to reduce to reduce to reduce to reduce to reduce to reduce to reduce to reduce to reduce to reduce to reduce to reduce to reduce to reduce to reduce to reduce to reduce to reduce to reduce to reduce to reduce to reduce to reduce to reduce to reduce to reduce to reduce to reduce to reduce to reduce to reduce to reduce to reduce to reduce to reduce to reduce to reduce to reduce to reduce to reduce to reduce to reduce to reduce to reduce to reduce to reduce to reduce to reduce to reduce to reduce to reduce to reduce to reduce to reduce to reduce to reduce to reduce to reduce to reduce to reduce to reduce to reduce to reduce to reduce to reduce to reduce to reduce to reduce to reduce to reduce to reduce to reduce to reduce to reduce to reduce to reduce to reduce to reduce to reduce to reduce to reduce to reduce to reduce to reduce to reduce to reduce to reduce to reduce to reduce to reduce to reduce to reduce to reduce to reduce to reduce to reduce to reduce to reduce to reduce to reduce to reduce to reduce to reduce to reduce to reduce to reduce to reduce to reduce to reduce to reduce to reduce to reduce to reduce to reduce to reduce to reduce to reduce to reduce to reduce to reduce to reduce to reduce to reduce to reduce to reduce to reduce to reduce to reduce to reduce to reduce to reduce to reduce to reduce to reduce to reduce to reduce to reduce to reduce to reduce to reduce to reduce to reduce to reduce to reduce to reduce to reduce to reduce to reduce to reduce to reduce to reduce to reduce to reduce to reduce to reduce to reduce to reduce to reduce to reduce to reduce to reduce to reduce to reduce to reduce to reduce to reduce to reduce	ent are fully and are condition for the volume	or trans	port by highway acticity of waste gen	ccording erated to	to applicable the degree I have
RETURN MANIFEST TV. PO. Box  16 GENERATOR'S CERTIFICATION: I hereby declare that name and are classified, packed, marked, and labeled international and national government regulations.  If I am a large quantity generator, I certify that I have determined to be economically practicable and that I which minimizes the present and future threat to have	If the contents of this consignment, and are in all respects in property as a program in place to reduce the practicable reman health and the environment.	ent are fully are condition for the volume in the volume in the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition	or trans and tox atment, a smal	port by highway activity of waste gen storage, or dispose quantity generate	erated to sal curren or, I have	to applicable the degree I have
RETUIN MANIFEST TV. Po. Box  16 GENERATOR'S CERTIFICATION: I hereby declare that name and are classified, packed, marked, and labeled international and national government regulations.  If I am a large quantity generator, I certify that I have determined to be economically practicable and that I which minimizes the present and future threat to have effort to minimize my waste generation and select the	If the contents of this consignmed, and are in all respects in propers.  If a program in place to reduce the practicable remains health and the environments best waste management methors.	ent are fully are condition for the volume in the volume in the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition	or trans and tox atment, a smal	port by highway activity of waste gen storage, or dispose quantity generate	erated to sal curren or, I have	to applicable the degree 1 have tity available to me made a good faitr
RETURN MANIFEST TO, Po. Box  16 GENERATOR'S CERTIFICATION: I hereby declare tha name and are classified, packed, marked, and labeled international and national government regulations.  If I am a large quantity generator, I certify that I hav determined to be economically practicable and that I which minimizes the present and future threat to hus effort to minimize my waste generation and select the Printed/Typed Name.	the contents of this consignment, and are in all respects in property and are in all respects in property are a program in place to reduce that have selected the practicable reach health and the environment best waste management methods.  Signature	ent are fully are condition for the volume in the volume in the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition	or trans and tox atment, a smal	port by highway activity of waste gen storage, or dispose quantity generate	erated to sal curren or, I have	to applicable the degree I have
GENERATOR'S CERTIFICATION: I hereby declare that name and are classified, packed, marked, and labeled international and national government regulations.  If I am a large quantity generator, I certify that I have determined to be economically practicable and that I which minimizes the present and future threat to huse effort to minimize my waste generation and select the Printed/Typed Name:  The SA ASCNIT For Law BShAHFOF STORICE.	the contents of this consignment, and are in all respects in property and are in all respects in property are a program in place to reduce that have selected the practicable reach health and the environment best waste management methods.  Signature	ent are fully are condition for the volume in the volume in the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition	or trans and tox atment, a smal	port by highway activity of waste gen storage, or dispose quantity generate	erated to sal curren or, I have	the degree I have thy available to me made a good faitr
GENERATOR'S CERTIFICATION: I hereby declare that name and are classified, packed, marked, and labeled international and national government regulations.  If I am a large quantity generator, I certify that I have determined to be economically practicable and that I which minimizes the present and future threat to huse effort to minimize my waste generation and select the Printed/Typed Name.  Printed/Typed Name:  The SACINT For Have Bishaffor STORIES  Transporter 1 Acknowledgement of Receipt of Materials	the contents of this consignment, and are in all respects in property and are in all respects in property are a program in place to reduce that have selected the practicable reach health and the environment best waste management methods.  Signature	ent are fully are condition for the volume in the volume in the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition	or trans and tox atment, a smal	port by highway activity of waste gen storage, or dispose quantity generate	erated to sal curren or, I have	the degree I have the degree I have the triple and the made a good faith the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the p
GENERATOR'S CERTIFICATION: I hereby declare that name and are classified, packed, marked, and labeled international and national government regulations.  If I am a large quantity generator, I certify that I have determined to be economically practicable and that I which minimizes the present and future threat to huse effort to minimize my waste generation and select the Printed/Typed Name:  The SA ASCNIT For Law BShAHFOF STORICE.	It the contents of this consignment, and are in all respects in property as a program in place to reduce I have selected the practicable remain health and the environment best waste management methods.	ent are fully are condition for the volume interest to the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of th	or trans and tox atment, a smal	port by highway activity of waste gen storage, or dispose quantity generate	erated to sal curren or, I have afford.	the degree I have the degree I have the made a good fait.
RETURN MARIFEST TV, PO. Box  16 GENERATOR'S CERTIFICATION: I hereby declare tha name and are classified, packed, marked, and labeled international and national government regulations.  If I am a large quantity generator, I certify that I have determined to be economically practicable and that I which minimizes the present and future threat to hull effort to minimize my waste generation and select the Printed/Typed Name.  HS ASCNIFER FUNDSHAFOF STORIAL TRANSPORT I Acknowledgement of Receipt of Materials  Printed/Typed Litration  Printed/Typed Litration  Printed/Typed Litration  Company of the Company of Materials  Printed/Typed Litration  Company of the Company of Materials  Printed/Typed Litration  Company of the Company of Materials  Printed/Typed Litration  Company of the Company of Materials  Printed/Typed Litration  Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the	It the contents of this consignment, and are in all respects in property as a program in place to reduce I have selected the practicable remain health and the environment best waste management methods.	ent are fully are condition for the volume interest to the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of th	or trans and tox atment, a smal	port by highway activity of waste gen storage, or dispose quantity generate	erated to sal curren or, I have afford.	the degree I have the degree I have the triple and the made a good faith the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the p
RETURN MANIFEST TO, PO. Box  16 GENERATOR'S CERTIFICATION: I hereby declare tha name and are classified, packed, marked, and labeled international and national government regulations.  If I am a large quantity generator, I certify that I have determined to be economically practicable and that I which minimizes the present and future threat to hus effort to minimize my waste generation and select the Printed/Typed Name:  AS ASCAL For FUNDSHAPOF STORICE  17 Transporter 1 Acknowledgement of Receipt of Materials	It the contents of this consignment, and are in all respects in property as a program in place to reduce I have selected the practicable remain health and the environment best waste management methods.	ent are fully are condition for the volume interest to the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of th	or trans and tox atment, a smal	port by highway activity of waste gen storage, or dispose quantity generate	erated to sal curren or. I have afford.	the degree i have the degree in have the a good fait.  Date  Date  Date  Date  Date  Date  Date
16 GENERATOR'S CERTIFICATION: I hereby declare that name and are classified, packed, marked, and labeled international and national government regulations.  If I am a large quantity generator, I certify that I have determined to be economically practicable and that I which minimizes the present and future threat to hut effort to minimize my waste generation and select the Printed/Typed Name.  HS ASCALFOR FUNDSHAFOR STORY  17 Transporter 1 Acknowledgement of Receipt of Materials  Phinted/Typed Name  HS ASCALFOR FUNDSHAFOR STORY  18 Transporter 2 Acknowledgement of Receipt of Materials	It the contents of this consignment, and are in all respects in propier a program in place to reduce the have selected the practicable reman health and the environment best waste management method Signature	ent are fully are condition for the volume interest to the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of th	or trans and tox atment, a smal	port by highway activity of waste gen storage, or dispose quantity generate	erated to sal curren or. I have afford.	the degree I have tilly available to me made a good faitr Date O.S. Date Date Date Date Day O.S. Date Day O.S. Date
16 GENERATOR'S CERTIFICATION: I hereby declare that name and are classified, packed, marked, and labeled international and national government regulations.  If I am a large quantity generator, I certify that I have determined to be economically practicable and that I which minimizes the present and future threat to hut effort to minimize my waste generation and select the Printed/Typed Name.  HS ASCALFOR FUNDSHAFOR STORY  17 Transporter 1 Acknowledgement of Receipt of Materials  Phinted/Typed Name  HS ASCALFOR FUNDSHAFOR STORY  18 Transporter 2 Acknowledgement of Receipt of Materials	It the contents of this consignment, and are in all respects in propier a program in place to reduce the have selected the practicable reman health and the environment best waste management method Signature	ent are fully are condition for the volume interest to the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of th	or trans and tox atment, a smal	port by highway activity of waste gen storage, or dispose quantity generate	erated to sal curren or. I have afford.	the degree i have the degree in have the a good fait.  Date  Date  Date  Date  Date  Date  Date
RETURN MANIFEST TO, Po. Box  16 GENERATOR'S CERTIFICATION: I hereby declare tha name and are classified, packed, marked, and labeled international and national government regulations.  If I am a large quantity generator, I certify that I have determined to be economically practicable and that I which minimizes the present and future threat to how effort to minimize my waste generation and select the Printed/Typed Name:  HS ASWIFOT FOR BINAFOF STORY  17 Transporter 1 Acknowledgement of Receipt of Materials  Printed/Typed Name  18 Transporter 2 Acknowledgement of Receipt of Materials  Printed/Typed Name	It the contents of this consignment, and are in all respects in propier a program in place to reduce the have selected the practicable reman health and the environment best waste management method Signature	ent are fully are condition for the volume interest to the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of th	or trans and tox atment, a smal	port by highway activity of waste gen storage, or dispose quantity generate	erated to sal curren or. I have afford.	the degree i have the degree in have the a good fait.  Date Date Date Date Day Date Day Date
GENERATOR'S CERTIFICATION: I hereby declare tha name and are classified, packed, marked, and labeled international and national government regulations.  If I am a large quantity generator, I certify that I have determined to be economically practicable and that I which minimizes the present and future threat to huse effort to minimize my waste generation and select the Printed/Typed Name:  45 ASCALL For FALL BARFOF STORY:  17 Transporter 1 Acknowledgement of Receipt of Materials  Philited/Typed Name:  18 Transporter 2 Acknowledgement of Receipt of Materials  Printed/Typed Name	It the contents of this consignment, and are in all respects in propier a program in place to reduce the have selected the practicable reman health and the environment best waste management method Signature	ent are fully are condition for the volume interest to the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of th	or trans and tox atment, a smal	port by highway activity of waste gen storage, or dispose quantity generate	erated to sal curren or. I have afford.	the degree i have the degree in have the a good fait.  Date Date Date Date Day Date Day Date
RETURN MARIFEST TO, Po. Box  16 GENERATOR'S CERTIFICATION: I hereby declare tha name and are classified, packed, marked, and labeled international and national government regulations.  If I am a large quantity generator, I certify that I have determined to be economically practicable and that I which minimizes the present and future threat to how effort to minimize my waste generation and select the Printed/Typed Name:  AS ASWATECT FOR BISHAFOF STORY.  17 Transporter 1 Acknowledgement of Receipt of Materials  Printed/Typed Name  18 Transporter 2 Acknowledgement of Receipt of Materials  Printed/Typed Name	It the contents of this consignment, and are in all respects in propier a program in place to reduce the have selected the practicable reman health and the environment best waste management method Signature	ent are fully are condition for the volume interest to the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of th	or trans and tox atment, a smal	port by highway activity of waste gen storage, or dispose quantity generate	erated to sal curren or. I have afford.	the degree i have the degree in have the a good fait.  Date Date Date Date Day Date Day Date

Printed/Typed Name

Signature



INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT OFFICE OF SOLID AND HAZARDOUS WASTE MANAGEMENT P.O. Box 7035 Indianapolia, IN 48207-7035

2 4 1345

CFWT

STE MANIFEST tor's Name and Mailing Address	T.N.D.0.6							AC V SIG INCOLUM		
	3		Occument)		ot 1 Suru Man			ne shiidod area r Federal Iuw. nd K are require		
'SAAD & SONS INC ROUSDALE DR					NΑ	Na	870	າດຄ		
LLE TN 37204-4518				18	Slule Gen			000		
tor's Phone ( 615 (88)	2757 333-	0297					_			
orter 1 Company Name		6. US EPA ID Number		L_	State fran	sporters	10/7	37Keoh		
T Trucking			<u>658.</u>				e	· · · · · · · · · · · · · · · · · · ·		
orter 2 Company Name		8. US EPĂ ID Number								
ated Faculty Name and Cite And			• • • •				e	·····		
		10 US EPA ID NUMBER		1	. State Fact	iiiy s 10				
				-	Facility's F	Phone	<del></del>	<del> </del>		
AYNE IN 46806		I.N.D.0.7.8.9.	1.1.4				585			
	<del></del>		12. Cont	ainers			14.	l.		
OT Description , including Proper	Shipping Name, Hazar	d Class, and ID Numberi	No.	Type			Total Wt/Vol.	Waste No.		
HAZARDOUS WASTE, S	OLID, N.O.S.	,(D040),								
3077, PG III (D040	<b>D</b> )		1 .				Ω	DØ40		
			001	07	4.8.0	00	1			
				}						
					İ					
			<del>  • • • • • • • • • • • • • • • • • • •</del>	<del> </del>	<del> </del>	<u> </u>				
				Į	ļ		ļ			
					<b>\</b>					
					<del> </del>					
			1	ļ	}		ļ			
Descriptions of Materials Listed	√DOVe		<del> </del>	K. Har	ruling Code:	s lor Was	tes Listed	J Abovė		
				}	n_n1	ו האותר	. 11 1	•		
					ח-מו	LHNUF	11-			
Handling instructions and Addition	ai information									
ergency Response	Information	(800)765-8713								
ATOR S CERTIFICATION: I here	by declare that the c	antents of this consignme	nt are fully a	nd accu	Wately desc	cribed at	ove by p	proper shipping		
nd are ciassified, packed, mark	ed, and labeled, and a									
<u>*</u>	-	ooram in place to reduce	the volume	and tox	icity of wa	ste aen	erated to	the dearee ( )		
ined to be economically practic	able and that I have:	selected the practicable m	ethod of trea	atment,	storage, or	r dispos	al curren	tly available to		
o minimize my waste generation	and select the best	waste management methor	that is avai	lable to	me and th	at I can	afford.			
	THS SAAD S.	Signature Signature	·/	117	. /		۱۸	Date   Day		
NTFOR FUNBSHAIF OF	STOSTING COM	m: 766 X	1 ray	JU	<u> </u>			1.2096		
	ipt of Materials				9					
ped hine		Signa		//_			12	Date Pondicion		
ush schae	Ten	- Charles	SAB	<u>//</u> ,	4			WIO-7 7		
	ipt of Materials	Signature		_//				Date		
Typed Hame		o igranare					1^	donth Day		
ancy Indication Space			·· <u>·</u> ·····					<u> </u>		
y= -w.e upeeu										
					•					
			*							
								•		
Owner or Operator: Certification of	of receipt of hazardous	materials covered by this ma	nitest except	as note	d Item 19.					
		Signature	<del>-</del> -				1 4	Date fonth   Day   1		
	Handling Instructions and Addition The Company Name Forter 2 Company Name Forter 2 Company Name Forter 2 Company Name Forter 2 Company Name Forter 2 Company Name Forter 2 Company Name Forter 2 Company Name Forter 2 Company Name Forter 2 Company Name Forter 2 Company Name Forter 2 Company Name Forter 2 Company Name Forter 2 Company Name Forter 2 Company Name Forter 3 Company Name Forter 2 Company Name Forter 2 Company Name Forter 2 Company Name Forter 2 Company Name Forter 2 Company Name Forter 2 Company Name Forter 2 Company Name Forter 2 Company Name Forter 2 Company Name Forter 2 Company Name Forter 2 Company Name Forter 2 Company Name Forter 2 Company Name Forter 2 Company Name Forter 2 Company Name Forter 2 Company Name Forter 2 Company Name Forter 2 Company Name Forter 2 Company Name Forter 2 Company Name Forter 2 Company Name Forter 2 Company Name Forter 2 Company Name Forter 2 Company Name Forter 2 Company Name Forter 2 Company Name Forter 2 Company Name Forter 2 Company Name Forter 2 Company Name Forter 2 Company Name Forter 2 Company Name Forter 2 Company Name Forter 2 Company Name Forter 2 Company Name Forter 2 Company Name Forter 2 Company Name Forter 2 Company Name Forter 2 Company Name Forter 2 Company Name Forter 2 Company Name Forter 2 Company Name Forter 2 Company Name Forter 2 Company Name Forter 2 Company Name Forter 2 Company Name Forter 2 Company Name Forter 2 Company Name Forter 2 Company Name Forter 2 Company Name Forter 2 Company Name Forter 2 Company Name Forter 2 Company Name Forter 2 Company Name Forter 2 Company Name Forter 2 Company Name Forter 2 Company Name Forter 2 Company Name Forter 2 Company Name Forter 2 Company Name Forter 2 Company Name Forter 2 Company Name Forter 2 Company Name Forter 2 Company Name Forter 2 Company Name Forter 2 Company Name Forter 2 Company Name Forter 2 Company Name Forter 2 Company Name Forter 2 Company Name Forter 2 Company Name Forter 2 Company Name Forter 2 Company Name Forter 2 Company Name Forter 2 Company Name Forter 2 Company Name Forter 2 Compa	And the second and state and state and state and state and state and state and state and state and state and state and state and state and state and state and state and state and state and state and state and state and state and state and state and state and state and state and state and state and state and state and state and state and state and state and state and state and state and state and state and state and state and state and state and state and state and state and state and state and state and state and state and state and state and state and state and state and state and state and state and state and state and state and state and state and state and state and state and state and state and state and state and state and state and state and state and state and state and state and state and state and state and state and state and state and state and state and state and state and state and state and state and state and state and state and state and state and state and state and state and state and state and state and state and state and state and state and state and state and state and state and state and state and state and state and state and state and state and state and state and state and state and state and state and state and state and state and state and state and state and state and state and state and state and state and state and state and state and state and state and state and state and state and state and state and state and state and state and state and state and state and state and state and state and state and state and state and state and state and state and state and state and state and state and state and state and state and state and state and state and state and state and state and state and state and state and state and state and state and state and state and state and state and state and state and state and state and state and state and state and state and state and state and state and state and state and state and state and state and state and state and state and state and state a	oner 2 Company Name  0. US EPA ID Number  10. US EPA ID Number  10. US EPA ID Number  11. N. D. 0. 7, 8, 9, 10.  11. N. D. 0. 7, 8, 9, 10.  12. Description including Proper Shipping Name, Hazard Class, and ID Number, 10.  13. HAZARDOUS WASTE, SOLID, N. O. S., (D040), 13.  13. N. D. 0. 7, 8, 9, 10.  14. HAZARDOUS WASTE, SOLID, N. O. S., (D040), 13.  15. HAZARDOUS WASTE, SOLID, N. O. S., (D040), 13.  16. HAZARDOUS WASTE, SOLID, N. O. S., (D040), 13.  17. PG III (D040)  18. HADDING, INSTITUTE OF THE ACTUAL OF THE ACTUAL OF THE ACTUAL OF THE ACTUAL OF THE ACTUAL OF THE ACTUAL OF THE ACTUAL OF THE ACTUAL OF THE ACTUAL OF THE ACTUAL OF THE ACTUAL OF THE ACTUAL OF THE ACTUAL OF THE ACTUAL OF THE ACTUAL OF THE ACTUAL OF THE ACTUAL OF THE ACTUAL OF THE ACTUAL OF THE ACTUAL OF THE ACTUAL OF THE ACTUAL OF THE ACTUAL OF THE ACTUAL OF THE ACTUAL OF THE ACTUAL OF THE ACTUAL OF THE ACTUAL OF THE ACTUAL OF THE ACTUAL OF THE ACTUAL OF THE ACTUAL OF THE ACTUAL OF THE ACTUAL OF THE ACTUAL OF THE ACTUAL OF THE ACTUAL OF THE ACTUAL OF THE ACTUAL OF THE ACTUAL OF THE ACTUAL OF THE ACTUAL OF THE ACTUAL OF THE ACTUAL OF THE ACTUAL OF THE ACTUAL OF THE ACTUAL OF THE ACTUAL OF THE ACTUAL OF THE ACTUAL OF THE ACTUAL OF THE ACTUAL OF THE ACTUAL OF THE ACTUAL OF THE ACTUAL OF THE ACTUAL OF THE ACTUAL OF THE ACTUAL OF THE ACTUAL OF THE ACTUAL OF THE ACTUAL OF THE ACTUAL OF THE ACTUAL OF THE ACTUAL OF THE ACTUAL OF THE ACTUAL OF THE ACTUAL OF THE ACTUAL OF THE ACTUAL OF THE ACTUAL OF THE ACTUAL OF THE ACTUAL OF THE ACTUAL OF THE ACTUAL OF THE ACTUAL OF THE ACTUAL OF THE ACTUAL OF THE ACTUAL OF THE ACTUAL OF THE ACTUAL OF THE ACTUAL OF THE ACTUAL OF THE ACTUAL OF THE ACTUAL OF THE ACTUAL OF THE ACTUAL OF THE ACTUAL OF THE ACTUAL OF THE ACTUAL OF THE ACTUAL OF THE ACTUAL OF THE ACTUAL OF THE ACTUAL OF THE ACTUAL OF THE ACTUAL OF THE ACTUAL OF THE ACTUAL OF THE ACTUAL OF THE ACTUAL OF THE ACTUAL OF THE ACTUAL OF THE ACTUAL OF THE ACTUAL OF THE ACTUAL OF THE ACTUAL OF THE ACTUAL OF THE ACTUAL OF THE ACTUAL OF THE ACTUAL OF THE ACTUAL OF THE ACTU	Greet 2 Company Name  G. US EPA ID Number  Order 2 Company Name  G. US EPA ID Number  ALL MASTE MANAGEMENT, INC.  DAMS CENTER ROAD  PAYNE IN 46806  I. N. D. Q. 7, B. 9, 1, 1, 1, 4  12. Cont.  HAZARDOUS WASTE, SOLID, N. Q. S., (D040),  13077, PG III (D040)  HAJORING TO BE STOLED AND ADDRESS OF THE STOLED AND ADDRESS OF THE STOLED AND ADDRESS OF THE STOLED AND ADDRESS OF THE STOLED AND ADDRESS OF THE STOLED AND ADDRESS OF THE STOLED AND ADDRESS OF THE STOLED AND ADDRESS OF THE STOLED AND ADDRESS OF THE STOLED AND ADDRESS OF THE STOLED AND ADDRESS OF THE STOLED AND ADDRESS OF THE STOLED AND ADDRESS OF THE STOLED AND ADDRESS OF THE STOLED AND ADDRESS OF THE STOLED AND ADDRESS OF THE STOLED AND ADDRESS OF THE STOLED AND ADDRESS OF THE STOLED AND ADDRESS OF THE STOLED AND ADDRESS OF THE STOLED AND ADDRESS OF THE STOLED AND ADDRESS OF THE STOLED AND ADDRESS OF THE STOLED AND ADDRESS OF THE STOLED AND ADDRESS OF THE STOLED AND ADDRESS OF THE STOLED AND ADDRESS OF THE STOLED AND ADDRESS OF THE STOLED AND ADDRESS OF THE STOLED AND ADDRESS OF THE STOLED AND ADDRESS OF THE STOLED AND ADDRESS OF THE STOLED AND ADDRESS OF THE STOLED AND ADDRESS OF THE STOLED AND ADDRESS OF THE STOLED AND ADDRESS OF THE STOLED AND ADDRESS OF THE STOLED AND ADDRESS OF THE STOLED AND ADDRESS OF THE STOLED AND ADDRESS OF THE STOLED AND ADDRESS OF THE STOLED AND ADDRESS OF THE STOLED AND ADDRESS OF THE STOLED AND ADDRESS OF THE STOLED AND ADDRESS OF THE STOLED AND ADDRESS OF THE STOLED AND ADDRESS OF THE STOLED AND ADDRESS OF THE STOLED AND ADDRESS OF THE STOLED AND ADDRESS OF THE STOLED AND ADDRESS OF THE STOLED AND ADDRESS OF THE STOLED AND ADDRESS OF THE STOLED AND ADDRESS OF THE STOLED AND ADDRESS OF THE STOLED AND ADDRESS OF THE STOLED AND ADDRESS OF THE STOLED AND ADDRESS OF THE STOLED AND ADDRESS OF THE STOLED AND ADDRESS OF THE STOLED AND ADDRESS OF THE STOLED AND ADDRESS OF THE STOLED AND ADDRESS OF THE STOLED AND ADDRESS OF THE STOLED AND ADDRESS OF THE STOLED AND ADDRESS OF THE STOLED AND ADDRESS OF THE STOLED AND ADDRESS OF THE STOLED	order 2 Company Name  Office 1 Company Name  Office 2 Company Name  Office 2 Company Name  Office 3 Company Name  Office 3 Company Name  Office 3 Company Name  Office 3 Company Name  Office 3 Company Name  Office 3 Company Name  Office 3 Company Name  Office 3 Company Name  Office 3 Company Name  Office 3 Company Name  Office 3 Company Name  Office 3 Company Name  Office 3 Company Name  Office 3 Company Name  Office 3 Company Name  Office 3 Company Name  Office 3 Company Name  Office 3 Company Name  Office 3 Company Name  Office 3 Company Name  Office 3 Company Name  Office 3 Company Name  Office 3 Company Name  Office 3 Company Name  Office 3 Company Name  Office 3 Company Name  Office 3 Company Name  Office 3 Company Name  Office 3 Company Name  Office 3 Company Name  Office 3 Company Name  Office 3 Company Name  Office 3 Company Name  Office 3 Company Name  Office 3 Company Name  Office 3 Company Name  Office 3 Company Name  Office 3 Company Name  Office 3 Company Name  Office 3 Company Name  Office 3 Company Name  Office 3 Company Name  Office 3 Company Name  Office 3 Company Name  Office 3 Company Name  Office 3 Company Name  Office 3 Company Name  Office 3 Company Name  Office 3 Company Name  Office 3 Company Name  Office 3 Company Name  Office 3 Company Name  Office 3 Company Name  Office 3 Company Name  Office 3 Company Name  Office 3 Company Name  Office 3 Company Name  Office 3 Company Name  Office 3 Company Name  Office 3 Company Name  Office 3 Company Name  Office 4 Company Name  Office 4 Company Name  Office 4 Company Name  Office 4 Company Name  Office 4 Company Name  Office 4 Company Name  Office 4 Company Name  Office 4 Company Name  Office 4 Company Name  Office 4 Company Name  Office 4 Company Name  Office 4 Company Name  Office 4 Company Name  Office 4 Company Name  Office 4 Company Name  Office 4 Company Name  Office 4 Company Name  Office 4 Company Name  Office 4 Company Name  Office 4 Company Name  Office 4 Company Name  Office 4 Company Name  Office 4 Company Name  Office 4 Company Name	Greet 1 Company Name  6. US EPA ID Number  6. US EPA ID Number  8. US EPA ID Number  8. US EPA ID Number  8. US EPA ID Number  8. US EPA ID Number  8. US EPA ID Number  8. US EPA ID Number  8. US EPA ID Number  9. Transport  9. Transport  10. US EPA ID Number  11. N. D. 0. 7, 8, 9, 1, 1, 1, 4, 5, (219)  12. Containers  13. To Toescription including Proper Shipping Name. Hazard Class and ID Number  13. Type  13. Type  13. Type  14. Type  15. Type  16. US EPA ID Number  17. Transport  18. Transport  19. Type  19. Type  19. Type  19. Type  19. Type  19. Type  19. Type  19. Type  19. Type  19. Type  19. Type  19. Type  19. Type  19. Type  19. Type  19. Type  19. Type  19. Type  19. Type  19. Type  19. Type  19. Type  19. Type  19. Type  19. Type  19. Type  19. Type  19. Type  19. Type  19. Type  19. Type  19. Type  19. Type  19. Type  19. Type  19. Type  19. Type  19. Type  19. Type  19. Type  19. Type  19. Type  19. Type  19. Type  19. Type  19. Type  19. Type  19. Type  19. Type  19. Type  19. Type  19. Type  19. Type  19. Type  19. Type  19. Type  19. Type  19. Type  19. Type  19. Type  19. Type  19. Type  19. Type  19. Type  19. Type  19. Type  19. Type  19. Type  19. Type  19. Type  19. Type  19. Type  19. Type  19. Type  19. Type  19. Type  19. Type  19. Type  19. Type  19. Type  19. Type  19. Type  19. Type  19. Type  19. Type  19. Type  19. Type  19. Type  19. Type  19. Type  19. Type  19. Type  19. Type  19. Type  19. Type  19. Type  19. Type  19. Type  19. Type  19. Type  19. Type  19. Type  19. Type  19. Type  19. Type  19. Type  19. Type  19. Type  19. Type  19. Type  19. Type  19. Type  19. Type  19. Type  19. Type  19. Type  19. Type  19. Type  19. Type  19. Type  19. Type  19. Type  19. Type  19. Type  19. Type  19. Type  19. Type  19. Type  19. Type  19. Type  19. Type  19. Type  19. Type  19. Type  19. Type  19. Type  19. Type  19. Type  19. Type  19. Type  19. Type  19. Type  19. Type  19. Type  19. Type  19. Type  19. Type  19. Type  19. Type  19. Type  19. Type  19. Type  19. Type  19. Type  19.	Grief I Company Name  6. US EPA ID Number  GH-0.0-98-58-5-5 Transporters GH-0.0-98-58-5-5 Transporters GH-0.0-98-58-5-5 Transporters GH-0.0-98-58-5-5 Transporters GH-0.0-98-58-5-5 Transporters GH-0.0-98-58-5-5 Transporters GH-0.0-98-58-5-5 Transporters GH-0.0-98-58-5-5 Transporters GH-0.0-98-58-5-5 Transporters GH-0.0-98-58-5-5 Transporters GH-0.0-98-58-5-5 Transporters GH-0.0-98-58-5-5 Transporters GH-0.0-98-58-58-5 Transporters GH-0.0-98-58-58-5 Transporters GH-0.0-98-58-58-5 Transporters GH-0.0-98-58-58-5 Transporters GH-0.0-98-58-58-5 Transporters GH-0.0-98-58-58-5 Transporters GH-0.0-98-58-58-5 Transporters GH-0.0-98-58-58-5 Transporters GH-0.0-98-58-58-5 Transporters GH-0.0-98-58-58-5 Transporters GH-0.0-98-58-58-5 Transporters GH-0.0-98-58-58-5 Transporters GH-0.0-98-58-58-5 Transporters GH-0.0-98-58-58-5 Transporters GH-0.0-98-58-58-5 Transporters GH-0.0-98-58-58-5 Transporters GH-0.0-98-58-58-5 Transporters GH-0.0-98-58-58-5 Transporters GH-0.0-98-58-58-5 Transporters GH-0.0-98-58-58-5 Transporters GH-0.0-98-58-58-5 Transporters GH-0.0-98-58-58-5 Transporters GH-0.0-98-58-58-5 Transporters GH-0.0-98-58-58-5 Transporters GH-0.0-98-58-58-5 Transporters GH-0.0-98-58-58-5 Transporters GH-0.0-98-58-58-5 Transporters GH-0.0-98-58-58-5 Transporters GH-0.0-98-58-58-5 Transporters GH-0.0-98-58-58-5 Transporters GH-0.0-98-58-58-5 Transporters GH-0.0-98-58-58-5 Transporters GH-0.0-98-58-58-5 Transporters GH-0.0-98-58-58-5 Transporters GH-0.0-98-58-58-5 Transporters GH-0.0-98-58-58-5 Transporters GH-0.0-98-58-58-5 Transporters GH-0.0-98-58-58-58-5 Transporters GH-0.0-98-58-58-58-5 Transporters GH-0.0-98-58-58-58-5 Transporters GH-0.0-98-58-58-58-5 Transporters GH-0.0-98-58-58-58-5 Transporters GH-0.0-98-58-58-58-5 Transporters GH-0.0-98-58-58-58-58-58-5 Transporters GH-0.0-98-58-58-58-58-58-58-58-58-58-58-58-58-58	Service Company Name  6. US EPA ID Number  C. Industrians  OH. D. 998-58.35  D. Tangoporis - Proce  8. US EPA ID Number  E. Salar Transponis - 107  F. Transporer's Proce  E. Salar Transponis - 107  Interest Proce  E. Salar Transponis - 107  Interest Proce  E. Salar Transponis - 107  Interest Proce  Interest Proce  Interest Proce  Interest Proce  Carry Proce  Carry Proce  Carry Proce  Carry Proce  Carry Proce  Carry Proce  Carry Proce  Carry Proce  Carry Proce  Carry Proce  Carry Proce  Carry Proce  Carry Proce  Carry Proce  Carry Proce  Carry Proce  Carry Proce  Carry Proce  Carry Proce  Carry Proce  Carry Proce  Carry Proce  Carry Proce  Carry Proce  Carry Proce  Carry Proce  Carry Proce  Carry Proce  Carry Proce  Carry Proce  Carry Proce  Carry Proce  Carry Proce  Carry Proce  Carry Proce  Carry Proce  Carry Proce  Carry Proce  Carry Proce  Carry Proce  Carry Proce  Carry Proce  Carry Proce  Carry Proce  Carry Proce  Carry Proce  Carry Proce  Carry Proce  Carry Proce  Carry Proce  Carry Proce  Carry Proce  Carry Proce  Carry Proce  Carry Proce  Carry Proce  Carry Proce  Carry Proce  Carry Proce  Carry Proce  Carry Proce  Carry Proce  Carry Proce  Carry Proce  Carry Proce  Carry Proce  Carry Proce  Carry Proce  Carry Proce  Carry Proce  Carry Proce  Carry Proce  Carry Proce  Carry Proce  Carry Proce  Carry Proce  Carry Proce  Carry Proce  Carry Proce  Carry Proce  Carry Proce  Carry Proce  Carry Proce  Carry Proce  Carry Proce  Carry Proce  Carry Proce  Carry Proce  Carry Proce  Carry Proce  Carry Proce  Carry Proce  Carry Proce  Carry Proce  Carry Proce  Carry Proce  Carry Proce  Carry Proce  Carry Proce  Carry Proce  Carry Proce  Carry Proce  Carry Proce  Carry Proce  Carry Proce  Carry Proce  Carry Proce  Carry Proce  Carry Proce  Carry Proce  Carry Proce  Carry Proce  Carry Proce  Carry Proce  Carry Proce  Carry Proce  Carry Proce  Carry Proce  Carry Proce  Carry Proce  Carry Proce  Carry Proce  Carry Proce  Carry Proce  Carry Proce  Carry Proce  Carry Proce  Carry Proce  Carry Proce  Carry Proce  Carry Pr		



## South Carolina Department of Health and Environmental Control

2 4 1 3 4 6

Bureou of Sorial & Mazardous Wasse Mgs 2000 Bull Street, Columbia, SC 20201

~	Com declared for use as alle (12 alleb) bus and the					Form Annound (	<b></b>		<b></b>	
	UNIFORM HAZARDOUS  1. Generator's US EPA ID No.	I MA	WEST OCC	UMENT NO	2. Pag	Form Approved (		the shade		W- 30-94
	WASTE MANIFEST TIM \$10 16151 81313	31 51 41 3 A	41010	130	ol	-	uired by	Federal		out is
	3 Generator's Name and Mailing Address	<u> </u>	1010		A	Manifest Dicking		<b>्रम्</b>	2.82	٦.
$\ $	J.P. SAAD Trousdale SiTE				, y. 43	March 1	1	2-1-16 	Silv	•
	3655 TRUSDAIS Dr. NASLVILLE TN 37211				100		2011		5-13-12-1	- J
$\prod$	4 Generator's Phone (6/5) 333-0397 5 Transporter 1 Company Name 6.				5 8	<b>表示更多</b>	4.2	i ti		
		US EPA ID Numbe		.   .     .	0. 50	Meporter's Phone	75-30	i)_ =//	7/2	
; [	ALLEY-CASSETTY Trucking Co. TNAG	1881		2//17		ste Transporterie ID	12-23	7- // 7		
		US EPA ID Numbe	"	1 1		meporter's Phone				
• ;	* es-chated Facility Name and Site Address 10.	US EPA ID Numbe	<u></u>		J	an receive to	· ·	-1.		,
	Laidlaw Environmental Services of South Car	rolina, In	c.		H. Pa	citty's Phone				
	Route 1, Box 255	1 1 1				ં લું ક _ે કહે છે.	- : : :			
	Pinewood, South Carolina 29125 S C D (	0 7 0 3 7	7 5 9			31.452-50	03	<del></del>		
	11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)			12. Con No.	Type	13. Total Quantity	Unit WWVol	F4. 1.24	A CONTRACTOR	
	* (00) (10740A - ( ) 1077 C (1) 11 C (1)			NO.	1700		11010		72.76	
$\  \ $	" (RQ) HAZArDous WASTE, Solid No.S, Cbc40)				<b>.</b>					
$ \cdot $	9 NA 3077 (Daya)			001	1017	141510101	0   P		1	<b>3</b>
G	5.								3	
N				1.,	ÌΙ	1	Ì	832		. 6
E	ξ.					<del>                                     </del>			U.S.	
4					1 .		}			
0	-							17.	7.4	
ь	d.				] .			431	LL	
				١		1 , , , ,	Ì	1	700	智力
	J. Additional Descriptions for Materials Usled Above.				11					
. 1	J. According Descriptions for Indianala Called Accord.				1	K. Hendling or	OOM IO WEN	res Useed Abc-	•	
	1 2 W 01610 1518 911011 - PIW	1 1 1 1	11 1	1 1	1	•				
		<del></del>	1" <del>[</del>	<del></del>	7					
	• P W       • P W									
	15 Special Handling Instructions and Additional information					average 37 mins	es to general	conection of inter- lors, 15 minutes to no disposal faces	*******	1 200 1
	wo# 189566					for reviewing wat the form. Send	ructions gather comments reg	ring data and con parding the burde den to Chief Into	TONE DIMEST	nckon;
						PN-223, U.S. E Washington D.C	70460 and to	Protection Agenc the Office of Infor- and Budget - Nash	t will W. Si Menon and Pe	egunion,
	16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment of the contents of the contents of the contents of the contents of the contents of the contents of the contents of the contents of the contents of the contents of the contents of the contents of the contents of the contents of the contents of the contents of the contents of the contents of the contents of the contents of the contents of the contents of the contents of the contents of the contents of the contents of the contents of the contents of the contents of the contents of the contents of the contents of the contents of the contents of the contents of the contents of the contents of the contents of the contents of the contents of the contents of the contents of the contents of the contents of the contents of the contents of the contents of the contents of the contents of the contents of the contents of the contents of the contents of the contents of the contents of the contents of the contents of the contents of the contents of the contents of the contents of the contents of the contents of the contents of the contents of the contents of the contents of the contents of the contents of the contents of the contents of the contents of the contents of the contents of the contents of the contents of the contents of the contents of the contents of the contents of the contents of the contents of the contents of the contents of the contents of the contents of the contents of the contents of the contents of the contents of the contents of the contents of the contents of the contents of the contents of the contents of the contents of the contents of the contents of the contents of the contents of the contents of the contents of the contents of the contents of the contents of the contents of the contents of the contents of the contents of the contents of the contents of the contents of the contents of the contents of the contents of the contents of the contents of the contents of the contents of the contents of the contents of the c	nent are fully and ac	curately d	escribed ab	ove by pr	oper shipping name	and are o	lassified, p	acked, m	narkec
	and labeled, and are in all respects in proper condition for transport by highway according to a large quantity generator, I certify that I have a program in place to reduce								South Ca	arolina
	be economically practicable and that I have selected the practicable method of present and future threat to human health and the environment; QR, if I am a sr	treatment, storage, mall quantity generi	or disposator, I hav	sal currently	y avallab	ie to me which mir	ı <b>m</b> ızes in	e		
	generation and select the best waste management method that is available to me	Signature	xd.	// /	/			Month	Day	Year
₩	AS AGENT FOR FOUNDSHALF OF STEERING COMMITTEE	X10	w V	Veal				1/121	101	914
TR	17. Transporter 1 Acknowledgement of Receipt of Materials								Date	
A	Printed/Typed Name	Signature		1) L	- 411111			Month	Cey (∩L	A. ( )
P	DUVIO SIMMON	1/0	MM		<u>mui</u>			Tial	Date	YI
R	18. Transporter 2 Acknowledgement or Receipt of Materials  Printed/Typed Name	Signature			<del></del>	<del></del>		Monin	Dey	Year
Ė								111	i I	1
Г	19. Discrepancy Indication Space	<u></u>		1		1 (		ىلىپىلىسىلى.	1	
F				·		B c. [			204.	
IA	I		t	بــــا ٠		Bos. d	_1_1_	لملك	<b>54</b> .	
	<u> </u>									
	20. FACILITY Owner or Operator, Certification of receipt of hazardous materials covered by this man	viest except as noted in	n item 19.							
Y	Printed/Typed Name	Signature		•				Month	Day	Year
		1						1.1	. 1	, .



# South Carolina Department of Health 2 and Environmental Control

Sureou of Sond & Harandous Waste Ma 2000 Bull Street, Columbia, SC 20201

2000 Bull Street, Columbia, SC 29201 Phone: (803) 734-8200 Espertance & Hollegon: (870) 263-8446

Please p	rint or type. (Form designed for use on eithe (12-pitch) typewriter.)				Form Approved OMB No. 2050-0039, Expires 9-30-					
	UNIFORM HAZARDOUS WASTE MANIFEST  1. Generator's US EPA ID No.  TININ 10 16 5 8 3	3151413 H1010	-	2. (	²••• 1 3	) ir	format	ion in		d Breas
1 2	Generator's Name and Mailing Address - P. SAHD Trus OAIS S.TE									No.
1 1 1	655 Trushals Dr. NASHULIE TN 37211				13	٠.٠ <u>٠</u>		4.75		
	Generalices Phone (15   333-0397  Transcenter   Company Name 6.	US EPA IO Number		1		er is in				Sec. 12
-10	Transporter 2 Company Name	1821350 US EPA ID Number	1/5	- 2.7	Nata 1	nepát.	ñ,		144-71	76
	Designated Facility Name and Site Address			_ a.	TEORES State Pe		7.3		<del></del>	
iil	idlaw Environmental Services of South Ca	US EPAID Number						12.7	9/	
Ro	ute 1, Box 255	0 7 0 3 7 5 9	8 5	ئەلىپ ئالىد	<b>*/</b> 1	134	- 60			Pries.
,,	US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)	11	2. Co No.	Typ		Total Q	uaniny	14 V0 V0	W Vol V C	NI PORT
. ~	KE) HAZArBOUS WAST, SOID NO.S., (DOY	(0)								
	9, NA 3077 (DOYO)	10	اماد	101	74	1410	70	OP		
G o.										
N E						<u> </u>	11			
R C										1
7 0			11	11			11	$\bot$	1 10	
R o				١,						
· <del> </del>		<u> </u>	11				لـلـ		a silve	G B SAM
; ;	Additional Descriptions for Materiale Usted Above.	4.4				K H	Trumped or	1044 IV W	restas Listed Abov	•
	PIW 0601518 911011 - PIW									
: , }	PW		لل				<u></u>	· .	·	
15	Special Handling Instructions and Additional information  WO# 189567					averi redu tor re tugg PM-1 Wasi	ige 37 mins his for live as mathematic red critic Sensi estions for hi 123. U.S. E tangton D.C.	are for general storage michone gas comments solucing this (minimone). 20460, and	his collection or into metallists to minutes so per and diaposal facilities and diaposal facilities regarding the durder burden to Chief more tall. Protection: Agency did the Office of morn intend Budget. Wishin the did Budget. Wishin	is This includes in pieting and review in establish includi mation Policy Bran. y 401 M. St. S. A. nation and Requests
16.	GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consigni and labeled, and are in all respects in proper condition for transport by highway accord	ling to applicable international and	nationa	l governr	nent reç	uletion	s and th	e lews o	of the State of t	icked, marke South Carour
	If I am a targe quantity generator, I certify that I have a program in place to reduce be economically practicable and that I have selected the practicable method of present and future threat to human health and the environment; OR, if I am a second that I have selected the practicable method of present and future threat to human health and the environment; OR, if I am a second that I have selected the practicable method to present and future threat to human health and the environment; OR, if I am a second that I have selected the practicable method to present and future threat to human health and the environment; OR, if I am a second that I have selected the practicable method to present and future threat to human health and the environment; OR, if I am a second that I have selected the practicable method to present and future threat to human health and the environment; OR, if I am a second that I have selected the practicable method to present and future threat to human health and the environment; OR, if I am a second that I have selected the practicable method to present and future threat to human health and the environment; OR, if I am a second that I have selected the practicable method to the present and the environment is the present and the environment is the present and the present and the present and the environment is the present and the present and the present and the present and the present and the present and the present and the present and the present and the present and the present and the present and the present and the present and the present and the present and the present and the present and the present and the present and the present and the present and the present and the present and the present and the present and the present and the present and the present and the present and the present and the present and the present and the present and the present and the present and the present and the present and the present and the present and the present and the present and the present and the pre	treatment, storage, or disposal small quantity generator, I have								Date
Print	generation and select the best waste management method that is available to med/Typed Name  TLS SAAD SITC	Signature	1/	/_	7				Month	Dey Yeu
▼ # S	ASCNIT FOR ASKNITCE STEETING COMMITTEE  Transporter 1 Acknowledgement of Receipt of Materials	1 Nes	1/_(	/la	/				1/12	/K //:
10	ed Typed Name	Signature 00							Month	Day Yes
	Transporter 2 Acknowledgement or Receipt of Maleriale	1 Posty Ton	كلا		=				- N ESI	7 6 7 1 Date
Pnoi	ed/Typed Name	Signature							Month	Day Yes
R 19.	Decrapancy Indication Space		١.			J_			<del></del>	<del></del>
F		•		<del>  </del>	<del>1 . l</del>		د <u>د</u>	اسلم	<del>                                     </del>	156.
c	•	. <b>9.</b> į	<u></u>		4		o. L		<del></del>	
1' -	FACILITY Owner or Operator: Certification of receipt of hazardous materials covered by this ma									
T Prest	ed/Typed Name	Signature							Month	Day Yes
										4 1 E



## South Carolina Department of Health and Environmental Control

Surresu of Sond & Hazardous waste tagt 2000 Bull Street, Columbia, SC 20001 Phone: (800) 734-8200

_	Pie	ase print or type. (Form designed for us	e on eille (12-pitch) typewriter.)					Form /	(Devenqu	OMB No. :	2050-0039.	Explore &
Ę	•	UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator's US EPA 10 No. 7 N 10 16 5 8 3	31514131/10			2. Pa		Informati	on in uired by	the shad Federal	ed areas law, but
		J. P. SAAD Trus DAIS  SCT TILISONIS DI. N.	sirc		<del></del>							
		4 Limitator's Phone (6/5) 3  Harristor's Company Name  Harristor's Company Name  Harristor's Company Name	. د ن <b>سا</b>	US EPA ID NUMBER 9   8   1   1   3   5	اما	1   9		i de Sab			V 7/	
		Designated Facility Name and Sile Address  Laidlaw Environmental	Services of South Ca	US EPA IO Number US EPA IO Number			0 8	Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie Marie				
		Route 1, Box 255 Pinewood, South Caroli	ina 29125 S C D	0 7 0 3 7 5	9 12.		(aunora		13.	14. Una		
	1	(Ry) HAZArOsus WASTE		ر ار	+	No.	Туре	Tota	i Quantity	www		
		9, NA 3077 (DOY	/o <b>)</b>		10	101/	07	414	Olok	P		i
F	7 11 7	•			+					-		
1	A T O R	3			-							
'											2 1022	2000
!	!	. P W 0 60 5 8	91/01/ - PIW						Annual Sci	des ter wae	<b></b>	•
i	į i	P W 15 Special Handling Instructions and Additional Influence	6. P W				1		Voic reporting t	waen to the	COMMETION OF NEW	~8400 % 810mg :
		WO# 189568						; ; ;	norage 37 mm, norable for Years or remaining with he form. Send suggestions for re Mil-223. U.S. E Washington, D.C.	es to general nent storage a nucleone gether comments reg iducing this but nucleonemental if	nd disposal lacial ning data and co- prong the surpo	maken and Requi
		If I am a large quantity generator, I certi	by declare that the contents of this consigner condition for transport by highway according that I have a program in place to redundate selected the practicable method of alth and the environment; OR, if I am a	ding to applicable internations ce the volume and toxicity of the atment, storage, or dis-	u and i wasi nosai	encreus Gener Parional	governme ated to the v availab	entregueu le degree le to me	I have det which min	ermined t imizes th	ie Die 20sie or	SOUR Care
		generation and select the best waste m ProtectTyped Name  AS ASERITE ( Jon BEHALF OF	The SAAD SITE	Bignature	- - V	1/	ed				1/12	0ey . 1p 9
	TRANS	17 Transponer 1 Acknowledgement of Receipt PrintedTyped Name Tuhn n 7 Sim Maws		Signature	San	m	·				Monus / La	Day ·
	PORTE	18. Transporter 2 Acknowledgement or Receipt Printed/Typed Name	of Materials	Signature							Monen	Date Day >
	R F A	19. Discrepancy Indication Space		<del></del>	١			·	se. c.			toa.
1	CIL	20. FACILITY Owner or Operator; Certification of n	eceipt of hazardous materials covered by this m	andest except as noted in Item 1	9.				DS. 0. [			🖦
	Y	Printed/Typed Name		Signature							Month	Our r.

NON - HAZARDOUS WASTE MANIFEST

	002.002	0.161
Customer Acct	. No	
Ticket No		

C	ᆮ	N		D	Λ	T	$\frown$	R
u	ᆮ	IA	<b></b>	п	M		v	П

NO. 08936

				110.00	, U U
Name SAAD SIT	CE	_ Generating L	SAME	7 7 7 Y	13.59
•	DUSDALE DRIVE	_ Generating C	ocation		
:	LE, TENNESSEE 37211	<u>.</u>			
(1, 5)	) 333-0397	<u> </u>	TN-3304-111	794-00320	
Phone No. (815)	1 330-3391		IN-3304 III	777.03020	
WASTE CODE	WASTE DESCRIPTION	<u> </u>	QUÁNTITY	ÚNITS.	CODES
:	MISC. CONSTRUCTION C	•	22		□ D - DRUM B - BAG
	CONCRETE . WOOD , METAL		010-		C - CARTON
					- P · POUNDS
		•,			Y - YARDS O - OTHER
: I hereby certify that the ab	pove listed material(s), is (are) not a hazar	rdous waste as define	od by 40 CER Part 2	: 161 or any annlic	ahle state law: Th:
each waste has been prop	erly described, classified and packaged, a				
AS ASENT FOR +	CN BIKAIF OF			11/	/
Grib V. VEAL	· / / / / / / / / / / / / / / / / / / /	11-23-74 DATE	1/2	· VV ent	
AUTHORIZI	ED AGENT'S NAME (PRINT)	DATE	• /	SIGNATURE	
•	TRAN	NSPORTER		÷	
,	<u> </u>	•			
;	<u> </u>	•	1646 \ 0.4		
	ALLEY-CASSETTY TRUCKING		(615) 24	1-/196	
Address 711 FES	SSLERS LANE.P.O. BOX 23	305	·		<del></del>
NASHVIL	LE, TENNESSEE 37202	Vehicle's No.			
hereby certify that the at	bove named material was picked up at the	he Generator site liste	ed above and delive	ered without incid	lent to the disposa
acility listed below.					
,	<b>↑</b>		/	<b>,</b>	1 6-
11/23/44	Warm hedre!	11/7	3/44	letion 1	hody
SHIPMENT DATE	DRIVER'S SIGNATURE	! DELIVERY	DATE	DRIVER'S SIG	GNATURE
<u> </u>	<u>,                                     </u>				
•	DISPOS	AL FACILITY	7		
:				<i>:</i> •	
	RIDGE LANDFILL		(615) 3	59-9032	
22.40		Phone No BURG, IN 37	091	3	
£	OORESVILLE HWY., LEWIST	BURG, AR 37	031		÷
Permit No. SNE59	1020238T	Time			
:		*. •		•	
	}	-farmatic	on this document are	true and accura	te
nereby certify that the abo	ove material has been accepted and that in	normation presented (	он илѕ фосители аге	Tude and accord	ie.
· s.t.	:	ŧ			<del>.</del>
•	NAME	DATE		SIGNATURE	

NON - HAZARDOUS WASTE MANIFEST

Customer Acct.	No
Ticket No	•

· •		GENERATOR		NO. 08937				
Name SAAD SIT	E	Generating	IMAS	2 4	1350			
Address 3655 TRO	JSDALE DRIVE	<u> </u>						
назну́тьь	E, TENNESSEE 37211	:			•			
Phone No. (615)	333-0397	I.D. No	TN-3304-111	794-09329				
WASTE CODE	WASTE DESCRI	рттом 🚶	QUANTITY	UNITS	CODES			
	MISC. CONSTRUCTI CONCRETE.WOOD.MR		5 5	T	☐ D - DRUM B - BAG C - CARTON P - POUNDS Y - YARDS O - OTHER			
ASSEUT FOR JONG	ly described, classified and package (FA) (FE) (FE) (FE) (FE) (FRINT)	11. ) 3: 94 DATE	21	SIGNATURE				
7	- T	RANSPORTER						
Transporter's NameAI	LEY-CASSETTY TRUCK	ING Phone No.	(615) 24	4-7196				
Address 711 FES	SLERS LANE, P.O. BOX	23305 Driver's Nar	ne	·				
NASHVILI	LE, TENNESSEE 3720	2 Vehicle's No	)					
I hereby certify that the abordacility listed below.	ve named material was picked u	p at the Generator site lis		DRIVER'S SIG				
	DISI	POSAL FACILIT	v	Ý				
	DISI	OSAL FACILIT						
Site Name CEDAR	RIDGE LANDFILL	.: Phone No.	(615) 3	59-9032				
Address 2340 MC	ORESVILLE HWY., LE	WISBURG, IN 3	7091	·				
Permit No. SNC 591	)20238T	Time		:				
√ 		•		į	•			
I hereby certify that the abov	e material has been accepted and	that information presented	on this document are	true aṇd accura	te.			
· · · · · · · · · · · · · · · · · · ·								
	ME	DATE		SIGNATURE				

NON - HAZARDOUS **WASTE MANIFEST** 

Customer Acct. No	_
Ticket No.	_

	GENE			NO. UB!	938
Name <u>EAAD SITE</u>		Generating L	Scalius	2 4	1351
Address 3555 TROUEDA	ALE DRIVE				·
NASHYILLE, 1	CENNESSEE 37211			:	
Phone No(615) 331	3-0397	I.D. No	TN-3304-111	791-00320	:
WASTE CODE	WASTE DESCRIPTION	•	QUANTITY	ÚNITS	CODES
	USC. CONSTRUCTION DEL CONCRETE, WOOD, METAL S		<u> </u>	T	D - DRUM B - BAG C - CARTON P - POUNDS Y - YARDS
	11. 11.		on for transportation		
·	TRANS	PORTER		:	
, ;				<u>,                                      </u>	
Fransporter's NameALLEY	-CASSETTY TRUCKING		(615) 24	4-7196	
*:	RS LANE, P.O. BOX 2330	y.	ə <u></u>		
	TENNESSER 37292				
hereby certify that the above na acility listed below.	amed material was picked up at the	•	ed above and delive	•	<b>.</b>
SILI MENI DATE	J. C. C. C. C. C. C. C. C. C. C. C. C. C.				
	DISPOSA	L FÁCILITY	1		
·	•				
N:	SE LANDFILL SVILLE HWY., LEWISBU	Phone No RG, TN 370	<u> </u>	;;	
Permit No. SNE5910202		Time		; ;	<u>.</u>
ermit No.		,			• .
	•	•		<b>3</b>	
hereby certify that the above mat	erial has been accepted and that infor	mation presented	on this document are	e true and accura	ite.
4	:	j j		• •	
NAME		DATE		SIGNATURE	, i

NON - HAZARDOUS WASTE, MANIFEST

Customer Acct. No	
Ticket No	

		GENER	ATOR		NO. <b>08939</b>	
SAAD SITE			S. (	MT	2 4	1352
Name 3655 TROUS	CALE DRIVE		Generating Loca	tforf		. 00%
Address NASHVILLB.		7211.			,	
(615: 2					794-00320	
Phone No.			1:D. No	. 3331 111	. 74 03320	
WASTE CODE	WASTE D	ESCRIPTION		QUANTITY	UNITS	CODES
<u> </u>	MISC. CONSTR	UCTION DEBE	IS	37		D-DRUM B-BAG
	CONCRETE, WOO					C - CARTON
			:			P · POUNDS Y · YARDS
			·	<del></del>	,	O-OTHER
I hereby certify that the above li		•		•	• • • •	
each waste has been properly de	escribed, classified and ・/チュチェアルド	packaged, and is in	n proper condition t	for transportation	according to ap	olicable regulation.
AS ASEMT FUT JON SEA COAD SITE STEETING CO FIRE V VEN	MM 17758		<b>3</b> = -4	J.	1.1/0	[/
AUTHORIZED AGE	ENT'S NAME (PR	`	33.74 DATE	2/1	SIGNATURE	; :
AOTHORIZED NO.	IN O NAME (I'I)	,	DATE		, SIGNATORIE	•
					•	
<b>,</b>		TRANSP	ORTER		•	
			· ·	<del>_</del>		
. ATT 6	Y-CASSETTY TI	DUCKTNO		16151 24	1 710E	
Transporters Name	···			(615) 24		
Address	ERS LANE, P.O.	<del></del>	Driver's Name _		· · ·	
MASHVILLE,	TENNESSEE .	37202	Vehicle's No			
I hereby certify that the above	named material was pi	cked up at the Ge	nerator site listed	above and delive	red without inci	dent to the dispos
facility listed below.	marroa matemar was pr				2	
•			<u> </u>			
		Ox 114	, ;		<b>€</b>	•
SHIPMENT DATE	DRIVER'S SIGNAT	URE 2	DELIVERY DA	TE	DRIVER'S S	GNATURE
		<u> </u>				·
		DISPOSAL	EACILITY			· · · · · · · · · · · · · · · · · · ·
· ·	Ĺ	DISPUSAL	FACILIT			
			·			
Site Name CEDAR RID	GE LANDFILL	<u>:</u>	Phone No.	(615) 3	<u>59-9032</u>	
Address 2340 MOOR	ESVILLE HWY.	, LEWISBURG	, TN 3709	1	<del></del>	
Permit No SNC 591020	)238 <b>T</b>	<u> </u>	ţ Ţime		•	
7		•	•			
}		4	<u>:</u>		• 4	. *
I hereby certify that the above m	aterial has been accept	ed and that informa	tion presented on	this document are	true and accura	ate.
					į	ė.
,\ NAME			DATE		SIGNATURE	
NAME			LANGE L	***		•

NON - HAZARDOUS WASTE MANIFEST

Customer Acct. No.
licket No.

	= 1	RA	T	1	
u	=17	$\mathbf{n}_{F}$	<b>\</b> I	v	п

NO.08940

					70 T O
Name SAAD SITE		Generating	Localible	2 4	1353
	USDALE DRIVE				
, dd(633	E, TENNESSEE 37211			·	
16161	333-0397	- ID No	TN-3304-1	11794-0032	20
Phone No. (Q13)		I.D. No			
WASTE CODE	WASTE DESCRIPTION	*	QUANTITY	UNITS	CODES
	MISC. CONSTRUCTION C	BERIS	22	7	D-DRUM B-BAG
	CONCRETE WOOD, METAL.				C - CARTON
				<del>-</del> :	P - POUNDS Y - YARDS
					O - OTHER
AS ASENT FOR JOH CO SAID SITE STREETING C GIEG V. V.	1.4 M 1-768	/- <u>) 3 - 9 4</u> DATE		Jac VV SIGNATU	RE
	TRAN	SPORTER		:	
3	<u> </u>				
: x	TIEV CACCEMMY MELICITAC	•	(615)	244-7196	
7.1.700	LLEY-CASSETTY TRUCKING	·			
	SLEES LANE, P.O. BOX 233		me		
11 CHCAN	LE, TENNESSEE 37202	Vehicle's N	0		
hereby certify that the aboactity listed below.	ove named material was picked up at the	e Generator site li	sted above and de	elivered without in	ncident to the disposa
11/22/2	11)0 1	41/2	2/91	lih.	1.1
SHIPNENT DATE	DRIVER'S SIGNATURE	PELIVE	RY DATE	BRIVER'S	SIGNATURE
	; 				
:	DISPOS	AL FACILIT	Υ	÷ ;	
	<u> </u>	•			
Site NameCEDAR	RIDGE LANDFILL	Phone No.	(615)	359-9032	
Ť	OORESVILLE HWY., LEWISE	urg, th 3	7091		
3	020238T	<i>:</i> Time		्, च	
-		*			;·
• -	,	•		; ?	*
hereby certify that the above	e material has been accepted and that inf	ormation presente	d on this documen	t are true and acc	urate.
	•	•		•	
	AME .	DATE		SIGNATUR	E
	•	ģ			

NAME

NON - HAZARDOUS
WASTE MANIFEST

Customer Acct. No.
Ticket No.

SIGNATURE

	GEI	NERATOR	NO. <b>()</b>	RQA1.
<i>!</i>		•	110101	JJT 1
Name SAAD SITE		Generating Location	24.	1354
Address3655 TROUSDAL	B DRIVE			
NASHVILLE, TE		:		:
Phone No. (615) 333~		TN-3	304-111794-0032	20
Frione No.		. I.D. No		
WASTE CODE	WASTE DESCRIPTION	ı	UANTITY UNITS	CODES D - DRUM
	SO. CONSTRUCTION (	DEBRIS	<b>22</b> I	B - BAG
, 00	NORETE, WOOD, METAL	,501L		C - CARTON
•				P - POUNDS Y - YARDS
	<u> </u>		•	O-OTHER
each waste has been properly descri As a sever for L on LeHAII SAAO S: TE STEETING C ON GTEL V. V. AUTHORIZED AGENT'S	FOFTAG COLTAGE	nd is in proper condition for tr	:	1
	TRAN	ISPORTER		
:			4	
ransporter's NameALLEY-	CASSETTY TRUCKING	Phone No(	615) 244-7195	
Address711 FESSLERS	LANE, P.O. BOX 23:	305 Driver's Name		
	ENNESSEE 37202	Vehicle's No.	·	
hereby certify that the above name acility listed below.	ed material was picked up at th	ne Generator site listed abov	e and delivered without in	cident to the dispos
SHIPMENT DATE	DRIVER'S SIGNATURE	: DELIVERY DATE	DAIVER'S	SIGNATURE
	,			
÷ .	DISPOS	AL FACILITY	•	
CEDAR RIDGE	TANTIPTTT		(615) 359 <u>-9</u> 032	
22.40 400000			; (010) 005-3033	
	VILLE HWY., LEWISE	BURG, TN 37091	<u> </u>	÷ .
Permit No. <u>SNE59102023</u>	ST ·	Time	Ž	
•	•	•		

DATE

I hereby certify that the above material has been accepted and that information presented on this document are true and accurate.

NON - HAZARDOUS WASTE MANIFEST

Customer.	Acct. No.		 	_
Ticket No.	,			
1 1000		_	 	_

GE	NE	RA	TOR

NO.08942

	<b>;</b>	<u> </u>	<del> </del>		NO.003	4 <i>G</i>
NameSAAD	SITE		Generating Localida	<b>s</b> 2	4	1355
Address 3555	TROUSDALE DRI	V E		•	•	
	VILLE, TENNESS	EB 37211				
Phone No.	615) 333-0397		I.D. NoTN	3304-11179	4-00320	
WASTE CODE		WASTE DESCRIPTION		QUANTITY	UNITS	CODES
		GEG MOITSURTERO		aa	<u>'r'</u>	D - DRUM B - BAG C - CARTON
		a, 11351, 115 115 115 115 115 115 115 115 115				P - POUNDS Y - YARDS O - OTHER
each waste has been AS ASKAT FOR CARD SITE STR		s), is (are) not a hazardous sified and packaged, and is i	n proper condition for			
		MANOF	OHILA	]	· •	
 Transporter's Name	ALLEY-CASSE	TTY TRUCKING	Phone No.	(615) 244-	7195	
		P.O. BOX 23305	Driver's Name		_	
NAS	HVILLE. TENNES	SEE 37202	Vehicle's No			
La addition that and boundary.	2111	al was picked up at the Ge	· · · · · · · · · · · · · · · · · · ·		•	
	:	DISPOSAL	FACILITY		÷.	
22	DAR RIDGE LAND	FILL HWY., LEWISBURG	Phone No	(615) 359	-9032	
211	\$591020238T	· · · · · · · · · · · · · · · · · · ·				
Permit No. <u>SN</u>	3319252501	f .	Time			
hereby certify that the	ie above material has bee	en accepted and that informa	ation presented on this	document are tru	e and accurate	
	4 4 2	, 2	•		∴g 3	
	NAME		DATE		SIGNATURE	-

# NON - HAZARDOUS WASTE MANIFEST

Customer Acct. No.
icket No

:	GENERATOR				NO. <b>08943</b>			
Name SAAD SI	TE .	·	Generating Loca	e don	214	1356		
Address 3655 TR	OUSDALE DRIVE				<u> </u>			
11VHRAM	LE, TENNESSEE	37211			·			
Phone No. (315	) 333-0397		I.D. No. TN-	3304-1117	94-00320			
WASTE CODE	WAS	TE DESCRIPTION	;	QUANTITY	UNITS	CODES		
	MISC. CONST	RUCTION DEBR	RIS	22	· [;	─ D-DRUM B-BAG		
	CUNCRETE, WO					C - CARTON		
		•			•	P - POUNDS Y - YARDS		
*			,			O - OTHER		
	LEARIF OF THE SAR AV RIZED AGENT'S NAME	_	23-94 DATE	J.c.	SIGNATUR	RE		
		TRANS	PORTER		:			
<u>.</u>	•			<del></del>				
Transporter's Name	ALLBY-CASSETTY	I'RUCKING	.` ' Phone No	(615) 244	7196			
,	SSLERS LANE.P.O					·		
,	LE, TENNESSEE	37202						
hereby certify that the acility listed below:	above named material wa	as picked up at the (	•					
į	-7		* *		:	:		
11-23001	1/cun-	Ox	•		,			
SHIPMENT DATES	✓ DRIVEÁ'S SIC	SNATURE :	DELIVERY DA	TE	DRIVER'S	SIGNATURE		
<u> </u>		DISPOSA	L FACILITY		:			
· ,	L			<b>-</b>	:			
Site Name CEDAR	RIDGE LANDFILL		, Phone No	(615) 35	9-9032			
Address <u>23<b>4</b>0 l</u>	MOORESVILLE HWY	., LEWISBURG	3, TN 37091					
Permit No. SNC59	1020238T	<del></del>	Time		<del></del>			
		; r	: :					
hereby certify that, the	above material has been ac	cepted and that infor	: mation presented on t	his document ar	e true and accu	rate.		
į					3	;		
· 1	NAME		DATE		SIGNATURI			
ŝ		:	à .		ş	•		

NON - HAZARDOUS
WASTE MANIFEST

Customer Acct. No.	
Ticket No.	

<i>;</i>	GEI	NERATOR		NO.08944			
NameSAAN .SIT	2	Generating 1	iansif	2 4	1357		
	USDALE DRIVE						
	E, TENNESSEE 37211	-					
Phone No. (515)	333-0397	I ₁ D. No ⁷	N-3304-11:	1794-0032	e :		
WASTE CODE	WASTE DESCRIPTION		QUANTITY	<b>Q</b> NITS	CODES		
WASTE CODE		<del></del>	<u> </u>	MILE	D-DRUM		
	MISC. CONSTRUCTION CONCRETE, WOOD, METAL		<u>22</u>	4	B - BAG		
each waste has been prope	ove listed material(s), is (are) not a hazal rly described, classified and packaged, a likale of the SAAD S; TO STATE DAGENT'S NAME (PRINT)	nd is in proper condition אינד אינד אינדיים אינדיים אינדיים אינדיים אינדיים אינדיים אינדיים אינדיים אינדיים אי	n for transportatio	n according to a	applicable regulation		
<u> </u>	TRAN	NSPORTER		; ;			
				<u>;</u>			
Transporter's NameA	LLEY-CASSETTY TRUCKING	Phone No	(615) 2:	14-7196			
Address 711.FES	SLERS LANE, P.O. BOX 23:	305 Driver's Name		\.			
LIVREAN	LB. TENNESSEE 37202	Vehicle's No.		<del></del>			
hereby certify that the ab- facility listed below.	ove named material was picked up at the	ne Generator site liste	d above and deliv	vered without in	ncident to the dispo		
11/23/94 SHIPMENT(DATE	DRIVER'S SIGNATURE)	OEWVERY	JG Y	1 Dan	SIGNATURE		
	DISPOS	AL FACILITY					
Site NameCEDAR_	RIDGE LANDFILL	Phone No	(615)	359-9032			
Address 2340 M	OORESVILLE HWY., LEWISE	BURG, TN 370	91				
Permit No. 3NE 591	020238 <b>T</b>	. Ťime					
	•	) } !		**	•		
horoby cortify that the above	· ve material has been accepted and that in	oformation presented o	n this document a	re true and acc	urate.		
i hereby certify that the abov	ve material has been accepted and that if	ionnation presented o	accument a				
		1					
N N	AME .	DATE		SIGNATUR	<b>.</b>		
Ť	· • •	SENERATOR		?	:		

# NON - HAZARDOUS WASTE MANIFEST

Customer Acct.	No.	
Ticket No	:	

•		GENEF	RATOR	No. 08945			
Name SAAD SI			Generating Local	ME	2 4	1358	
A001033	OUSDALE DRIVE LE, TENNESSEE		·		<u> </u>		
	) 333-0397	37211	I.D. No. TN	J-3304-11	1794-003	20	
WASTE CODE	WAS	STE DESCRIPTION	<b>.</b>	QUANTITY	UNITS	CODES	
		STRUCTION DES WOOD, METAL, SU		30		D - DRUM B - BAG C - CARTON P - POUNDS Y - YARDS O - OTHER	
I hereby certify that the at each waste has been properly as assured on GILL V. V.	perly described, classified CSHAIF OF THE SAME	d and packaged, and is i	n proper condition f		on according to		
		TRANSP	ORTER	•			
Address 711 FE	ALLEY-CASSETT SSLERS LANE,P LLE, TENNESSE	.O. BOX 23305	Phone No : Driver's Name : Vehicle's No			-	
I hereby certify that the a facility listed below.	bove named material w	as picked up at the Ge			:		
SHIPMENT DATE	DRIVER'S SI	GNATURE	DELIVERY DAT	E	DRIVER'	S SIGNATURE	
		DISPOSAL	FACILITY		:		
2340	RIDGE LANDPI MOORESVILLE H	· ·	Phone No 3, TN 3709	(615) 1	359-9032		
3	1020238T	3	Time				
I hereby certify that the abo	ove material has been a	ccepted and that informa	ation presented on t	his document a	ire true and acc	curate.	
	NAME	· ;	DATE		SIGNATU	RE ·	

# APPENDIX 8

#### ANALYTICAL INDUSTRIAL RESEARCH LABORATORY

4295 Cromwell Road, Suite 614 Chattanooga, Tennessee 37421-2177

(615) 894-8102

1360

NO.:941118-18528 LAB.

CUSTOMER: 1237

SIGNAL ENVIRONMENTAL SERVICES

P.O. BOX 4270

CHATTANOOGA, TN 37405

DATE RECD. : 11/18/94

SAMPLE DATE: 11/17/94

ATTENTION: MICHAEL MATTHEWS

(615) 265-9551 FAX:

DATE REQUESTED: 11/23/94

CUST P.O.:

SAMPLE

:SAAD NASHVILLE SAAD SITE :SAAD11/17001A

AIR

ASAP

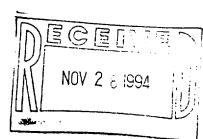
ANALYSIS '

VOC's:

SEE ATTACHED

Phenol

<0.03 ug/L of Air



Notes:

ALL RESULTS RECORDED IN PPM OR MG/L UNLESS OTHERWISE STATED. We hereby certify that the analytical procedures employed are those approved by the Environmental Protection Agency or other applicable methods for these analyses.

ANALYTICAL INDUSTRIAL RESEARCH LABORATORIES

#### ANALYTICAL INDUSTRIAL RESEARCH LABORATORIES, INC.

4295 CROMWELL RD, STE 611

1331

CHATTANOOGA, TN 37421-2177

PHONE: (615)899-9301

FAX: (615)892-9402

A.I.R.L. SAMPLE ID:

18528

**CUSTOMER: SIGNAL ENVR. SERVICES** 

SAMPLE: SAAD11/17001A (AIR)

**CUSTOMER PO:** 

**SAMPLE DATE:** 

11/17/94

#### **VOLATILE COMPOUNDS**

METHOD (SW-846)	8240		ANALYZED: 11/23/94	BY:	SVG
COMPOUND	RESULT	MDL	COMPOUND	RESULT	MDL
chloromethane	ND	0.006	trichloroethene	0.032	0.003
bromomethane	ND	0.006	benzene	ND	0.003
vinyl chloride	ND	0.006	chlorodibromomethane	ND	0.003
chloroethane	ND	0.006	1,1,2-trichloroethane	ND	0.003
methylene chloride	ND	0.003	trans-1,3-dichloropropene	ND	0.003
acetone	ND	0.003	bromoform	ND	0.003
carbon disulfide	ND	0.003	2-hexanone	ND	0.006
1,1-dichloroethene	ND	0.003	4-methyl-2-pentanone	0.010	0.006
1,1-dichloroethane	ND	0.003	1,1,2,2-tetrachloroethane	ND	0.003
1,2-dichloroethene (total)	0.172	0.003	tetrachloroethene	ND	0.003
1,2-dichloropropane	ND	0.003	toluene	0.016	0.003
chloroform	ND	0.003	chlorobenzene	ND	0.003
1,2-dichloroethane	ND	0.003	ethylbenzene	ND	0.003
2-butanone	ND	0.006	styrene	ND	0.003
1,1,1-trichioroethane	0.004	0.003	total xylenes	ND	0.003
carbon tetrachloride	0.029	0.003	1,2-dichlorobenzene	ND	. 0.003
vinyl acetate	ND	0.006	1,3-dichlorobenzene	ND	0.003
dichlorobromomethane	ND	0.003	1,4-dichlorobenzene	ND	0.003
cis-1.3-dichloropropene	ND	0.003			

ALL RESULTS AND MDL'S IN MICROGRAMS/LITER OF AIR

#### CALIBRATION CERTIFICATE SIGNAL ENVIRONMENTAL SERVICES, INC. 900 MANUFACTURERS ROAD CHATTANOOGA, IN.

DATE

DEC. 19, 1994

**EQUIPMENT** 

AIR SAMPLE PUMP

EQUIPMENT IDENTIFICATION NUMBER

CALIBRATION PERFORMED BY

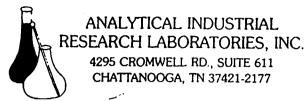
Michael Marchen / DAN Mc CLEARN

METHOD USED

CALIBRATION BURETTE

CALIBRATED TO WHAT (FLOW RATE, GAS, ETC.)

FLOW RATE = 1.5 Litts/min



Report To:	Invoice To:
MICHAEL MATTHEWS	SAME
SIGNAL ENVIRONMENTAL SER	NES

SIGNAL ENVIRONMENTAL SEX VKES
POBOX L4270
CHATTAMONA, TN 37405
Chain of Custody Record
Page Log
ANALYSES PROJECTS

PROJECT SITE	5	PO#		ERS				ANZ	ALYS	SES / /	Π	37	OLEOP!				
SITE NAME SAAD SIT				CONTAINERS		/4/	را/	/ /	/ /	/ /		DA	TE REP	ORT DUE	//-23-	-94	
COLLECTED BY	Giopature)	aulous		OF CO		٤/ز				/ /	/ [			AX/HARDC(	•	•	
FIELD SAMPLE ID	RUSH FACTOR	SAMPLE	DATE/ TIME	Ŏ.	S	2	? }		/				REM	ARKS		LAB ID N (for lab use	
CAAO / 1/ 17001 A		AIR	13-17-94	/	X	X										<b>7</b>	
			11:45 am													<b>y</b>	4
											AIR	1/0	LUME	<b>#</b> 32	7.L	<b>6</b>	
											7,,,			7			
																	14/7/
												<del></del>					
						1				_							14.77
									$\neg$	+	1						
									_	$\top$							
REMARKS	l	<u> </u>	I	1	اا	1		LL_	1_	- <u>-</u> -	REI	INQUI	SHED B	Mank	Paus .	DATE V-K-4	TIME 1:30
RECEIVED BY:	1	ME RELIN	<b>IQUISHED B</b>	Y:	DATE 1-18-9	1	IME ンフ		CEN	/ED B	A. A.	DATE	TIME		JISHED BY:	DATE	TIME

#### LAB USE ONLY

RECEIVED FOR LAB BY:	DATE TIME AIRBILL NO.	OPENED BY: DA	ATE TIME TEMP C	SEAL#	CONDITION:
REMARKS HARMEN AND					0

# APPENDIX 9



#### BILL COVINGTON COUNTY CLERK

700 SECOND AVENUE SOUTH NASHVILLE, TN 37210 4

AND DAVIDSON COUNTY
BUSINESS TAX LICENSE RECEIPT

RECEIPT NUMBER

258149 70745

MAILING NAME AND ADDRESS

SIGNAL ENVIRONMENTAL SERVICES INC P O BOX 4270 CHATTANOOGA TN 37405

OWNER 1	
CORPORATION	
OWNER 2	
GREG V VEAL	

SIGNAL ENVIRONMENTAL SERVI 3655 TROUSDALE RD NASHVILLE TN 37211

**BUSINESS LOCATION ADDRESS** 

THIS LICENSE EXPIRES 9/30/1	.995		
Issuance of this licen	se does not necessarily indicate	this location is properly zo	ned.
* MUST DISPLAY UPPER PORTION OF THIS LICENSE. FOLD ON DOTTED LINE.	TOTAL GROSS SALES LESS DEDUCTIONS TAXABLE GROSS SALES	METRO (U.S.D.)	COUNTY (G.S.D.)
CLASS BUSINESS  TAX PERIOD	RETAIL % WHOLESALE % TAX DUE		
FROM: TO: STATE SALES TAX NUMBER:	CREDITS PENALTY ON TAX DUE INTEREST ON TAX DUE		
0000000000000	RECORDING FEE  MINIMUM TAX	5.00 15.00	5.00 15.00
Bin Counte	PENALTY ON MINIMUM TAX INTEREST ON MINIMUM TAX ADJUSTMENTS		
COUNTY CLERK  DEPUTY CLERK	TOTAL TAX DUE  TOTAL COMBINED METRO AND  COUNTY TAX	20.00 <u>40.</u>	20.00

TAXPAYER COPY

2 4 1366

APPLICATION #_	94-	20	704	
PERMIT #				

### FIRE MARSHAL PLANS REVIEW, CORRECTIONS

NATIONAL FIRE PROTECTION ASSOCIATION CODES - NFPA, 1988 EDITION 700 2ND AVENUE SOUTH NASHVILLE, TENNESSEE 37201

COMPLIANCE WITH THE FIRE CODES DOES NOT IMPLY APPROVAL BY OTHER METRO AGENCIES.	MAP 133 PARCEL 104  PROJECT REPRESENTATIVE:
DEVIATIONS SHALL BE RESUBMITTED.	
*PERIODIC INSPECTIONS ARE RE- QUIRED BY THIS OFFICE. *INSPECTIONS ARE REQUIRED BY THIS	PHONE:
OFFICE TO RECEIVE ANY U AND O'S.	PLANS EXAMINER: T. WALLACE
*STAMPED PLANS TO REMAIN ON JOB SITE	INSPECTIONS: 862-5230
PROJECT NAME: SAAD 517E (	TEMPORARY OFFICE TRAILER)
ADDRESS 3655 TROUSDACE	DRIVE
CODE REQUIREMENTS OR VIOLATIONS REQUIREMENTS OF VIOLATIONS REQUIREMENTS OF VIOLATIONS REQUIREMENTS OF VIOLATIONS REQUIREMENTS.	RING CORRECTIONS
1. PROVIDE STREET NUMBERS ON FRONT OF	BUILDING ORDINANCE NO. 085-882
2. PROVIDE PORTABLE FIRE EXTINGUISHERS	S AS REQUIRED BY N.F.P.A.
3. SPRINKLED BUILDINGS: PLANS SHALL BE	REVIEWED BY RON HOLT
4. NEW BUILDINGS OR ADDITIONS, SHALL PR	ROVIDE LOCATION OF FIRE HYDRANTS AND
WATER AVAILABILITY AND CALCULATION	NS BEFORE CONSTRUCTION. RON HÇLT 862-5230
1/ + 0	
SUBSECT TO FIR	E INSPECTOR APPROVAL



#### METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TENNESSEE 700 SECOND AVENUE SOUTH, NASHVILLE, TENNESSEE 37201

DEPARTMENT OF CODES ADMINISTRATION

I HEREBY CERTIFY THAT I AM THE AGENT OF THE OWNER, OR OTHER PERSON IN CONTROL OF THIS PROPERTY, AND THAT THE INFORMATION GIVEN HEREIN, AND AS SHOWN ON THE APPLICATION AND THE PERMIT, IS TRUE; AND THAT I AM AUTHORIZED BY SAID OWNER, OR OTHER PERSON IN CONTROL OF THIS PROPERTY, TO OBTAIN THIS PERMIT. I UNDERSTAND THAT IF THE CONSTRUCTION AND/OR INSTALLATION FOR WHICH THIS PERMIT IS ISSUED IS CONTRARY TO THE REQUIREMENTS OF METROPOLITAN CODES OR REGULATIONS, SAID VIOLATIONS MUST BE CORRECTED, AND THE PERMIT MAY BE VOIDED

I FURTHER CERTIFY THAT I AM IN COMPLIANCE WITH THE STATE OF TENNESSEE STATUTES RELATING TO LICENSING CONTRACTORS FOR THE WORK DESCRIBED IN THIS PERMIT.

WORK MUST START WITHIN SIX (6) MONTHS AND MUST BE COMPLETED WITHIN TWO (2) YEARS OF ISSUE DATE. PERMITS BECOME INVALID IF WORK IS SUSPENDED ONE (1) YEAR AFTER START DATE.

EXTENSIONS OF NINETY (90) DAYS EACH OF TIME MAY BE ALLOWED IN WRITING BY THE DIRECTOR.

APPROVAL WHERE RECHIBED

DATE

				and water the terms
e e e e e e e e e e e e e e e e e e e	10, 100 FAC (11) 1011 (0), 11 - (10) 153-00-0 10-10 KEA US	7404	ENTER DOMESTICAL	194 Lidure
production of the second	FROM CAST	(1998) (1851)	10 (A) UN178	TOTAL BLOGS
100 (E.C.) 1000	THE STOP OF BOSS	ச்சிற்றிருந்திர் நடல்கள் நடித்திருந்திர்		
erit om Shiften. Gerin om 1980er Skott Dikt George Colle Ying George Och A	MAME SE SEMAZA 30162 Elsse untick A 2001NG 01STR)C	ien Nigeral enviteding Tilm — Eldig Rug gebeure envig	MORALL ME PERSONAL TRE N MORE TRE N MORALLINE ZOME N ACT TYPE F	(615) 265-955) (611) 265-955) D MURE 807A80585817 IN,CONSULZAOMIRIS) GR SUPERFUND CLEARU
ok i wakiki Carata dibes			THE YOU - WATER ME:	SPRINKLERS B

Company of the Fire Fire Fire

ELFE Y PLOW N HYAC N

BEORDOMS GARAGE

CONTRACTON TYPE VI

REVIEW

GAS R

42.50

LV N

ALDOVE CHRISTIAN ARREST

TITLE AREA

KITCHENY

Sea Wastin الزافي المناشرين

Same from Photos

71 1 1 1 20 S

500.00 ACT ZUNING FEE 25,00 FOTAL FEE CSHZDBT AMT CHECK ANY

62,50 ..00

COMMENTS SEE ATTACHED SITE PLAN.

148, 16,141

100 44

PO PLANS, SUBJECT TO INSPECTURS APPRECIAL.

ARREST ZONING LAK 10/19/94 - PLANS HME 19 18/94

ALON DOG TRANS TETTER REQUIRED FROM COMES DEFORE OCCUPYING BUILDING.

# METROPOLITAN GOVERNMENT OF NASHVILLE-DAVIDSON COUNTY DEPARTMENT OF CODES ADMINISTRATION INSPECTION CHECKLIST FOR USE AND OCCUPANCY

*** THIS IS NOT A USE AND OCCUPANCY LETTER ***

FERMIT DATE

MAF/PARCEL 133-00-0 104.00

LOCATED ON THE SIDE OF 3655 TROUSDALE DR

PROPERTY DESCRIPTION LOT 1. JOHN P. SAAD & SON SUBD

OWNER SAAD, ELLIS & KATHY
CONTRACTOR SIGNAL ENVIROMENTAL SERVICES, INC.

TELEPHONE (615) 265-9551 TELEPHONE (615) 265-9551

PURPOSE TO LOCATE A TEMPORARY OFFICE TRAILER ON PROPERTY FOR SUPERFUND CLEANUP.FOR PERIOD OF TWO MONTH.

* BEFORE A USE AND OCCUPANCY FOR THIS PROJECT CAN BE ISSUED, THE 
* FOLLOWING APPROVALS ARE REQUIRED. NO USE AND OCCUPANCY WILL BE ISSUED

* UNTIL ALL NEEDS FOR EACH AGENCY ARE APPROVED. N = NEED, I = IGNORED, *

* A = APPROVED, T = TEMPORARY, R = REJECTED, AND D = DENIED.

* INSPECTIONS: FOUNDATION - BEFORE CONCRETE POURED; FRAMING - BEFORE *

N CODES ADMIN

N FIRE MARSHAL

BLDG FOUNDATION BLDG FRAMING

N LIFE SAFETY SPRINKLER

N BLDG FINAL

N ELECTRICAL

N ELECT ROUGH IN SERVICE RELEASE

N ELECT FINAL

GAS/MECH

GAS ROUGH IN

GAS FINAL

PLUMBING

PLUMB ROUGH IN

FLUMB FINAL

HOUSING

N ZONING FINAL

HVAC ELECT

BLDG FLOOR ELEV

LV ELEC

#### The Metropolitan Government Of Nashville And Davidson County

#### Department of Codes Administration 700 Second Avenue South Nashville, Tennessee 37210

PERMIT BOND

64S100901251BCA

2 4

1369

KNOW ALL MEN BY THESE PRES		
Signal Environmental Services,	Inc. SSHazardous W	aste Remediation: BC-31
		tate license if applicable)
		5 and Aetha Casualty and Surety, Inc.
a Surety organized under the laws of the Sta		and authorized to do business
DAVIDSON COUNTY ("Metropolitan Govern benefit of the owners of property on which we	iment") as Obligee, for t ork is performed by the F ioney of the United State	ETROPOLITAN GOVERNMENT OF NASHVILLE AND he benefit of the Metropolitan Government, and for the Principal pursuant to a permit issued under this bond, in its of America. We bind ourselves, our heirs, executors, by these presents.
WHEREAS, the above bonded Prince SECTION 11-1-15 of the Metropolitan Code	cipal has applied to the	Metropolitan Government to be registered pursuant to
·		• •
conform to all laws and ordinances of the Metropolitan Government resulting from contrant sewer lines, sidewalks, alleys, traffic sign	ropolitan Government, re thalf further bind the Pri acts of the Principal, such s and signals, and for th	that the Principal shall in all respects comply with and plating to building, plumbing, electrical, gas/mechanical, ncipal and Surety for any damage to property of the as but not limited to streets, roads, curbs, gutters, water e costs of repairs incurred by property owners resulting over mentioned laws and ordinances of the Metropolitan
notice stating when the cancellation shall take of Codes Administration of the Metropolitan G	effect, and served upon- lovernment at least thirty may remain in force, the	have the right to cancel this bond at any time by a written or sent by certified mail to the Director of the Department (30) days prior to the effective date of the cancellation, a liability of the Surety shall not be cumulative, and the der this bond shall not exceed the sum of (\$ ).
No right of action shall accrue by rea the Obligee named herein.	son of this Bond, to or l	the use or banefit of any one whatsoever other than
etna Casualty & Surety Company	_ Surely	By Robert W. Hunter, Signal Environmental Servi
Lyne W. Slancher	-	Inc. Address 900 Manufacturers Rd., 2nd Floor
615-756-4452	_ Altorney-in-fact _ Agent's Phone	Quattanoga, TN 37405 Phone (615), 265-9551
Allix Seal and Allach Agent's Power of Attorney		Fax Number (615) 265-9565
Effective date of bond 11/19/94		Amount of Contract Bond Required \$ 50,000 and under \$ 10,000 \$ 50,001 and over \$ 40,000
	State Contractor Infor	malion
NOTE: ALL BIDS OF CONTRACTS WITH CONTRACTOR'S LICENSE PURSUANT TO		00 OR GREATER REQUIRES A VALID STATE
NAME OF LICENSEE <u>Signal Environmental</u> (Name must be exa	Cily the same as permit	pardous Wasto Perudiation; BC-31 bond if applicable)
EXPIRATION DATE 03/31/95		
LICENSE NUMBER		
TYPE OF LICENSE CONTRACTOR - ACTIVE	<u></u>	· · · · · · · · · · · · · · · · · · ·
LIMITS OF LICENSE \$574,000,00		

Location____

3655 Transdale Jr.

No94 194 17

N

# BULDING PERMIT METROPOLITAN GOVERNMENT OF NASHVILLE & DAVIDSON COUNTY

Inclusive of Permits for New Construction, Additions, Alterations, Repairs, Signs, Billboards, Canapies, Marquees,
Demolition, Moving of Buildings and Blasting Operations.

#### **DEPARTMENT OF CODES ADMINISTRATION**

INSPECTIONS REQUIRED

(Inspections not required on this job are marked out)

1. Foundation Inspection

To be made after trenches are excavated, forms erected and before

concrete is poured.

2. Frame Inspection

To be made after the roof, all framing, fire-blocking and bracing are in

place and all pipes, chimneys and vents are complete.

3. Final Inspection

To be made after the building is complete and ready for occupancy.

#### NOTICE

No work may be done on any part of a building or structure beyond the point indicated by each of the inspections.

This permit card must be posted securely, be visible from the street, and be protected from the weather. Removal, Alteration, or mutilation of this sign until completion of such work, is in violation of the law.

Any permit issued shall become invalid unless the work authorized by it shall have been commenced within six (6) months after its issuance, or if the work authorized by such permit is suspended or abandoned for a period of one (1) year after its issuance: provided that for cause, if the work authorized by it is sufficiently under way and is being dilligently pursued, one or more extensions of time, for periods not exceeding ninety (90) days each, may be allowed in writing by the director.

In the case of a permit issued to demolish a building or structure, such demolition permit shall become invalid unless the work authorized by it shall have been commenced within thirty (30) days after its issuance or unless the work so authorized shall have been completed within sixty (60) days after work is commenced: provided, that extensions of time may be allowed as provided above.

In the case of the permit being issued to move any building or structure into any residential zone district or residential development, such permit shall become invalid unless the work so authorized has been completed by permanently affixing said building or structure on a foundation within thirty (30) days after the date that the building or structure was moved onto the property located within a residential zone district or residential development. Any person who fails to complete such work within the above-mentioned thirty (30) day period shall be subject to the penalties set forth in section 1-1-7. (64-348, 1, 66-813, 1 Bill No. 79-1349, 9, 6-28-79; Bill No. 88-462, 1, 10-4-88).

Map No. 133	Parcel N	0. 10
Date / D	19	19 77
Inspection Of	Ву	elsú
Foundation		
Frame		
Final		
Elect. Rough In		
Elect. Final		
Plumbing Rough In +		
Plumbing Final		
Sewer Connection		
Gas/Mechanical Roughi In		
Gas/Mechanical Final 3		
		·
Zoning		
Fire Department Final		

SEE REVERSE SIDE

# APPENDIX 10



#### REGION IV

345 COURTLAND STREET, N.E. ATLANTA, GEORGIA 30365

January 21, 1995

J. Andrew Goddard
Bass, Berry and Sims
First American Center
Nashville, Tennessee 37238

Dear Mr. Goddard,

The purpose of this letter is to notify the Steering Committee and Alcoa that the OSC, Fred Stroud, has directed them not to fill the area excavated during the groups compliance with EPA's Administrative Order on Consent. Mr. Stroud has requested that the area remain open during the interim period in which EPA seeks continued access and the completion of the removal of the contaminated source material.

Pursuant to EPA's statutory authority and the terms of caragraph 18 of the Administrative Order on Consent docket number 95-1-C the OSC can request the PRPs to do additional work or if they refuse then EPA will carry out the removal. As evidenced by the sampling conducted during the excavation the material is hazardous by characteristic (TCE failed TCLP) and is in contact with the groundwater. The waste material also contains toluene, xylene, vinyl chloride as well as other hazardous substances. EPA's Groundwater Section is of the opinion that this groundwater at the Site is "potential drinking water" and requires protection. The preliminary results of EPA's dye trace substantiates previous studies indicating that the contaminated water from the Saad site is migrating and poses an imminent and substantial endangerment to human health and the environment.

Based on the foregoing, it is the OSC's determination that further removal actions are needed at the site. Therefore, In order to continue the Removal in a cost effective and expedient manner the OSC has asked the PRPs not to fill in the excavation so that continued removal actions would not be delayed in re-excavating the area.

Sincerely

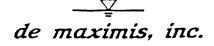
Fred B. Stroud

Senior, On Scene Coordinator

EXHIBIT H

# OVERSIZED DOCUMENT

4



301 Gallaher View Road Suite 227 Knoxville, TN 37919



March 7, 1995

#### VIA FACSIMILE AND FEDERAL EXPRESS

Mr. Fred B. Stroud, On-Scene Coordinator U.S. Environmental Protection Agency, Region IV 345 Courtland Street, N.E. Atlanta, Georgia 30365

Reference:

Saad Trousdale Drive Site Phase III Removal Action

Submission of Final Report

Dear Mr. Stroud:

The Saad Site Steering Committee is pleased to submit the Final Report for the above-referenced project. You will be receiving two (2) copies of the report via overnight courier on March 8, 1995 under separate cover directly from Signal Environmental Services, Inc.

If you should have any questions or comments, please contact Mr. Bennie L. Underwood or me at your earliest convenience at (615) 691-5052.

Very truly yours, de maximis, inc.

Daniel A. Lovingood, P.G.

DAL/jca

/Enclosures Under Separate Cover

cc: Saad Trousdale Site Repository

Bennie L. Underwood

f:\projects\3034\P_3RPT.CVR

